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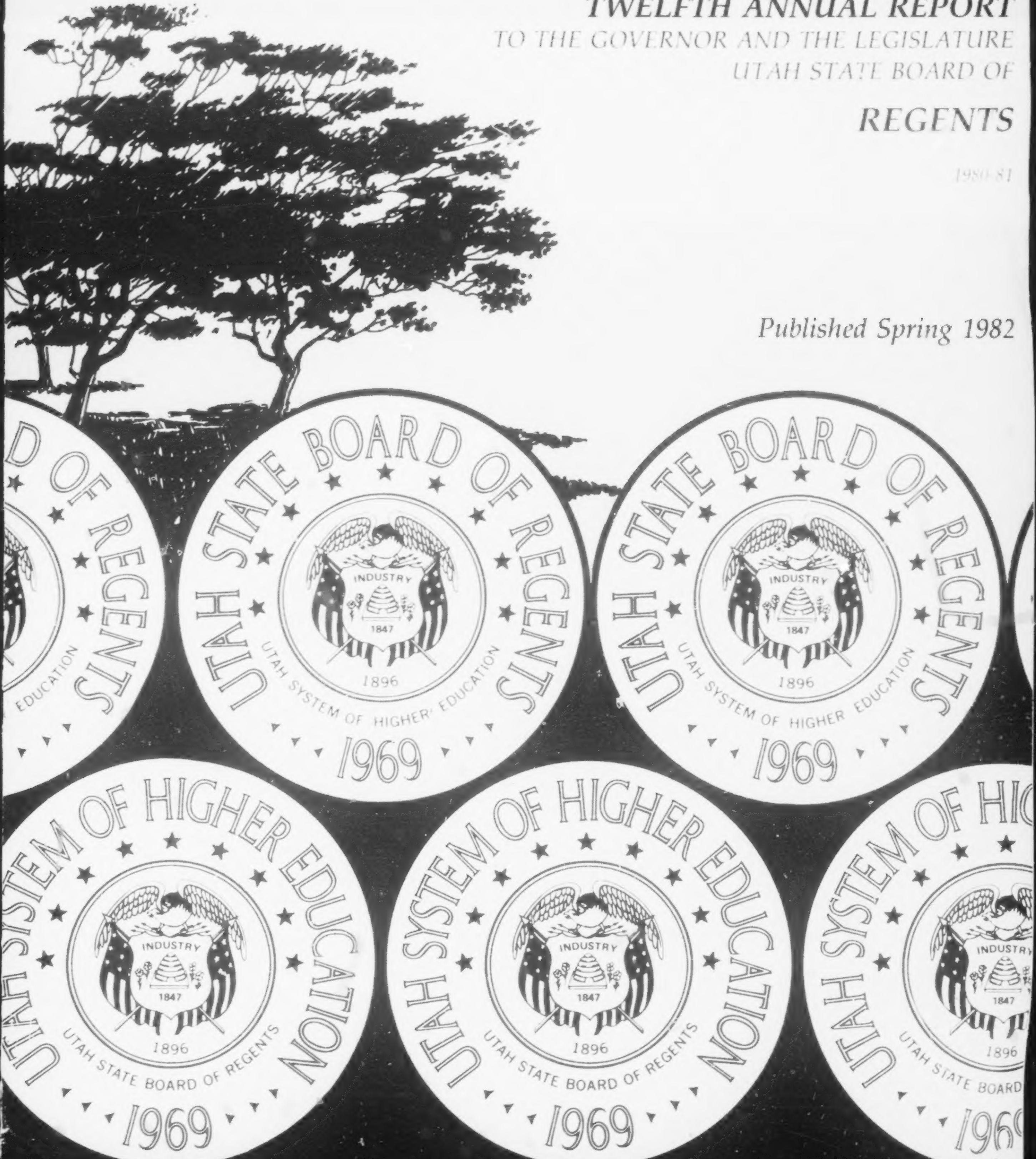
TWELFTH ANNUAL REPORT
TO THE GOVERNOR AND THE LEGISLATURE
UTAH STATE BOARD OF

REGENTS

1980-81

Published Spring 1982


UTAH STATE BOARD OF REGENTS
INDUSTRY
1847
1896
UTAH SYSTEM OF HIGHER EDUCATION
1969
UTAH SYSTEM OF HIGHER EDUCATION
UTAH STATE BOARD OF REGENTS

Preface

This report is submitted in fulfillment of the State Board of Higher Education's statutory obligation to report annually to the Governor and Legislature of the State of Utah.

It does not replace, substitute for, nor duplicate the necessary financial and other reports regularly issued by each member institution of the Utah System of Higher Education. Such documents, together with catalogs and other information, are available from the offices of the various college and university presidents.

Appreciation is acknowledged to Edward J. Peters, especially, and to all members of the staff for their assistance to him, in compiling and editing the detailed information contained in this report.

Arvo Van Alstyne
Commissioner of Higher Education

TWELFTH ANNUAL REPORT TO THE GOVERNOR
AND THE LEGISLATURE
UTAH STATE BOARD OF REGENTS
1980-81

Published by the
Office of the Commissioner of Higher Education
UTAH STATE BOARD OF REGENTS
807 East South Temple St., Suite 204
Salt Lake City, Utah 84102
Spring, 1982

Utah educational leadership in the future will face many challenges due to enrollment increases and limited financial resources.

The key word in discussing Utah's future is growth. We are growing in population, our economy has grown dramatically and it promises to grow even more in the next two decades. From a current population of 1,520,000, we expect to add a half million people by 1999, and will have a population of 2,300,000 by the year 2000. Economic growth is reflected in job projection. Employment today is at 620,000, while 1,055,000 jobs in Utah are projected by 2000.

This growth picture for Utah has many implications for our colleges and universities. Over the next 15 years, enrollments will increase from 60,000 to 90,000 students in the Utah System of Higher Education. In addition, the future industrial and commercial growth of the Utah economy will require increased effort from our institutions of higher education to provide the technical, managerial, and professional skills to match this expansion.

The interest and commitment to education in Utah has for many years been foremost among the states. The level of education attainment of our adult population is first among all the 50 states. We have an enviable record in education, but a primary concern, as we consider the future of higher education in Utah, will be to maintain the traditions of the past and improve upon them.

Institutional budgets have suffered because of recent revenue problems which, coupled with enrollment increases and inflation, erode our capacity to maintain and improve quality. Nevertheless, the continuing goal of the Board of Regents is to provide quality college-level education to all Utah students who can benefit from it.

It now appears that the state's tax base will be under stress in the near future, at least, as increasing demands for public services compete for limited resources. The board of regents is actively examining alternative cost-cutting measures which will not erode quality, and efforts have been undertaken to improve cooperation with the State Board of

Education so as to avoid unnecessary duplication of programs and promote the more effective use of resources.

Despite the problems and some stress, we should see a growing Utah System of Higher education--growing in quantity and quality in the years ahead.

In our master planning efforts, we will continue to seek to develop a balance of vocational and academic programs that will provide well-trained technological, business and professional graduates to fill new job demands.

Leadership is the keystone to dynamic growth and success. The Regents are confident that the administration, faculty and staff of our institutions are outstanding.

During the past year Dr. Arvo Van Alstyne, former University of Utah vice president and law professor, became Utah's third Commissioner of Higher Education. He replaced Dr. T. H. Bell, who resigned to join President Reagan's cabinet as U. S. Secretary of Education. Dr. Van Alstyne was chosen on the basis of his high qualifications and proven ability. He has served in and knows the Utah System of Higher education and will meet the tremendous challenges Utah higher education faces in the future.

In an effort to enable the Board of Regents to address more effectively the master planning and fiscal policy issues that are its major responsibilities, we have reorganized our committee structure. The standing committees and their respective assignments are as follows:

Executive Committee

This committee exercises the authority of the Board during the interim between Board meetings, but generally acts only upon extraordinary and emergency matters. Actions of the Executive Committee requiring Board determination are reported to the Board for ratification at its next meeting following such action.

Kem C. Gardner is chairman; W. Hughes Brockbank, vice chairman; and Reba L. Keele, George C. Hatch, Donald B. Holbrook, and Neal A. Maxwell are members of the Executive Committee.

Master Planning and Governance Committee

This committee has the responsibility for conducting a comprehensive, systematic, and rigorous review of, and to propose necessary revisions to, the master plan for higher education. It also has the responsibility for policy evaluation and recommendations relating to proposals for changes in the higher education and vocational technical education governance system.

Donald B. Holbrook is chairman; Neal A. Maxwell, vice-chairman, and Ralph S. Blackham and George C. Hatch are members.

Capital Facilities Committee

This committee has the principal responsibility for reviewing requests from institutions for funding for new capital facilities as well as alterations, repairs, and improvements to existing facilities. It also has the responsibility for maintaining effective liaison with the State Building Board and other interested state officials.

Robert L. Newey is chairman; Wayne Owens, vice-chairman, and Kem C. Gardner and Mary Lunt are members.

Budget and Finance Committee

This committee has the responsibility to develop and recommend budgets for the institutions of higher education, the review of work programs and amendments thereto, and the general oversight and audit of financial administration at the institutions.

J. Lynn Dougan is chairman; E. LaMar Buckner, vice-chairman; and W. Hughes Brockbank, David S. Monson, and Ernest D. Mariani are members.

Curriculum, Roles and Vocational Technical Committee

This committee has the primary responsibility for reviewing changes in programs, institutional role assignments, and requests for new program authorizations from institutions within the system. It also studies matters relating to Community Colleges, Transferability of Postsecondary Credit at Area Vocational Centers, and the Quality of Undergraduate Instruction.

Rex G. Plowman is chairman; Reba K. Keele, vice-chairman, and Holly Sloan and Glen L. Taggart are members.

Under the direction of the Commissioner, the staff of the Board of Regents has been largely reorganized to facilitate the work of the Board. Three well-qualified persons have been added to the Commissioner's staff with assignments designed to complement a reorganization of the Board's committee structure.

Dr. Steven D. Bennion has been appointed to the post of Associate Commissioner for Planning. He held responsible positions for ten years in educational and budgetary planning for the University of Wisconsin System of Higher Education. He will be working in the area of master planning and governance, and will address the difficult issues arising out of the substantial growth of student enrollments expected during the next two decades.

Dr. Eugene T. Woolf was appointed Associate Commissioner for Academic Affairs. He served as Dean of the School of Arts and Letters and as chairman of the Department of English at Southern Utah State College. Dr. Woolf has been a consultant to the National Council of Teachers of English and to the New Jersey Educational Bank. He will be working with the Curriculum, Roles, and Vocational-Technical Committee and will have the responsibility for reviewing changes in programs, institutional role assignments, and requests for new program authorizations from institutions within the system.

Dr. David R. Terry was appointed Assistant Commissioner for Allied Health and Vocational Programs. A former member of the faculty at Weber State College, he was recently administrator of a National Science Foundation project to bring post-secondary science and science-related education into cooperative learning exchanges with various industrial personnel. He will be assisting Dr. Woolf with his academic responsibilities, particularly in the area of vocational education.

Dr. Gerald R. Sherratt, vice president for university relations at Utah State University since 1977, was appointed president of Southern Utah State College, effective January 1, 1982. He succeeded Dr. Orville D. Carnahan who served as Southern Utah State College president from July 1978 to August 1981, when he became president of Utah Technical College at Salt Lake.

Utah has historically provided the means and leadership to maintain the highest standards of educational attainment. I am satisfied that dedicated men and women will continue to work together to insure that Utah students are provided the finest educational opportunities including the best possible vocational and professional training available. We sincerely thank the Utah state Legislature for their continued guidance and support, and pledge ourselves to manage to the best of our abilities the resources entrusted to the Utah system of Higher Education.

Submitted with gratitude,
Kem C. Gardner, Chairperson State
Board of Regents

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MEMBERS, UTAH STATE BOARD OF REGENTS

Established 1969

	Terms Expire
Kem C. Gardner, Chairman, Salt Lake City	1985
W. Hughes Brockbank, Vice-chairman, Lewiston	1985
Ralph S. Blackham, Moroni	1985
E. LaMar Buchner, Ogden	1985
J. Lynn Dougan, Salt Lake City	1983
George C. Hatch, Salt Lake City	1983
Donald. B. Holbrook, Salt Lake City	1987
Reba L. Keele, Provo	1987
Mrs. Mary D. Lunt, Cedar City	1983
Ernest D. Mariani, Salt Lake City	1987
Neal A. Maxwell, Salt Lake City	1987
David S. Monson, Salt Lake City	indef
Robert L. Newey, Ogden	1983
Wayne Owens, Salt Lake City	1987
Rex G. Plowman, Lewiston	1983
Holly Sloan, Salt Lake City	1982
Glen L. Taggart, Logan	1985

Arvo Van Alstyne
Commissioner of Higher Education and Chief Executive Officer

UTAH JOINT LEGISLATIVE STUDY COMMITTEE ON HIGHER EDUCATION

Interim Period 1981-1982

SENATE

Senator Ronald T. Halverson, Ogden, Co-chairman
Senator Charles W. Bullen, Logan
Senator Lowell S. Peterson, Roy
Senator Karl Snow, Jr., Provo
Senator Frances Farley, Salt Lake City

HOUSE

Representative G. Lamont Richards, Salt Lake City, Co-chairman
Representative Norman H. Bangerter, Salt Lake City
Representative Mike Dmitrich, Price
Representative Clifford S. LeFevre, Clearfield
Representative Di Holt McMullin, South Jordan
Representative D. Leon Reese, Magna
Representative Kim R. Burningham, Bountiful
Representative Lyle W. Hillyard, Logan
Representative Steven J. Rees, Salt Lake City
Representative Olene S. Walker, Salt Lake City

MEMBER INSTITUTIONS AND PRESIDENTS
UTAH SYSTEM OF HIGHER EDUCATION

Utah State Board of Regents, 807 East South Temple St.
Suite 204, Salt Lake City, 84102

Arvo Van Alstyne, Commissioner of Higher Education and
Chief Executive Officer

University of Utah (1850) Salt Lake City, 84112
David P. Gardner, President

Utah State University of Agriculture and Applied Science (1888)
Logan, 84322
Stanford Cazier, President

Weber State College (1889) Ogden, 84403
Rodney H. Brady, President

Southern Utah State College (1897) Cedar City, 84720
Gerald R. Sherratt, President

Snow College (1888) Ephraim, 84627
J. Marvin Higbee, President

Dixie College (1911) St. George, 84770
Alton L. Wade, President

College of Eastern Utah (1937) Price, 84501
James R. Randolph, President

Utah Technical College at Provo (1941), 84601
Wilson W. Sorensen, President

Utah Technical College at Salt Lake (1947) Salt Lake City 84107
Orville D. Carnahan, President

THE INSTITUTIONAL COUNCILS AND THEIR MEMBERS

UNIVERSITY OF UTAH
(Salt Lake City)

John A. Dahlstrom, Chairman, 1983
Desmond J. Barker, Jr., Vice Chairman, 1983
Reed Brinton, 1983
Randy L. Dryer, 1985
Richard W. Giauque, 1985
DeAnne Hanson, 1985
Gordon E. Harmston, 1985
Aline Skaggs, 1983
D. Brent Scott (Alum Pres)
David Simmons (SB Pres)

UTAH STATE UNIVERSITY
(Logan)

Glen J. Mecham, Chairman, 1985
Leah D. Parkinson, Vice Chairman, 1983
James E. Brown, 1983
John T. Caine, 1985
W. Eugene Hansen, 1985
Roy L. Holman, 1983
Leonard W. McDonald, 1985
Janet Cannon Randall, 1985
Carlos Smith, Jr. (Alum Pres)
Eric R. Olsen (SB Pres)

SNOW COLLEGE
(Ephraim)

Arthur Nielsen, Chairman, 1983
LaGrande H. Terry, Vice Chairman, 1983
Paul Frischknecht, 1985
Jack H. Goaslind, Jr., 1983
Pat Greenwood, 1985
Clyde Swenson, 1983
Lucille Taylor, 1985
Cyndi Woodbury, 1985
Mark Howard (Alum Pres)
Kelly Haws (SB Pres)

WEBER STATE COLLEGE
(Ogden)

Roy C. Nelson, Chairman, 1983
Gwen S. Williams, Vice Chairman, 1985
Jerry Baker, 1983
Roderick H. Browning, 1985
Robert T. Heiner, 1985
Jane A. Marquardt, 1985
Harold C. Steed, 1983
John E. Ulibarri, 1985
Margaret B. Favaro (Alum Pres)
Lori A. Memmott (SB Pres)

SOUTHERN UTAH STATE COLLEGE
(Cedar City)

Frank J. Petty, Chairman, 1985
James Hoyle, Vice Chairman, 1985
Joanna Adamson, 1983
Loretta Cline, 1983
Garn Huskinson, 1985
Clarence Miller, 1983
Michael Park, 1983
Dale O. Zabriskie, 1985
Lorraine Warren (Alum Pres)
Michelle Benson (SB Pres)

UTAH TECHNICAL COLLEGE
(Provo)

Charles L. Bates, Chairman, 1985
Howard Pace, Vice Chairman, 1985
Edward B. Anderson, 1983
Grant C. Burgon, 1983
Bruce T. Griffin, 1983
Robert E. Halladay, 1985
Eris Y. Summer, 1985
Boyd C. Sunderland, 1983
David A. Jacobson (Alum Rep)
Kerry Graves (SB Pres)

DIXIE COLLEGE
(St. George)

Derrill C. Larkin, Chairman, 1985
M. Truman Bowler, Vice Chairman, 1985
Jay R. Bingham 1983
Douglas I. Hunt, 1985
Omar Kader, 1985
G. Wayne Shamo, 1983
Sandra W. Wilkins, 1983
Randy W. Wilkinson, 1983
Spencer Esplin (Alum Pres)
Edwin F. Rogers, Jr. (SB Pres)

COLLEGE OF EASTERN UTAH
(Price)

Ralph T. Coates, Chairman, 1983
LaVon Day, Vice Chairman, 1983
Terry Fry, 1985
Gordon Newbold, 1985
O. W. Phelps, 1985
Gary F. Prazen, 1983
Bruce Shumway, 1983
Flora Weggeland, 1985
Janis Blake (Alum Pres), 1982
Todd Gorischek (SB Pres), 1982

UTAH TECHNICAL COLLEGE
(Salt Lake)

Richard S. Prows, Chairman, 1985
Jerrald Conder, Vice Chairman, 1983
Harry Blundell, 1985
Lenore Edmunds, 1983
Eugene C. Hafen, 1983
Louise A. Henson, 1985
John H. Klas, 1983
Mose Watkins, 1983
Dennis Huston (Alum Pres)
Cal B. Corbridge (SB Pres)

UTAH STATE BOARD OF REGENTS COMMITTEES AND MEMBERS

EXECUTIVE

Kem C. Gardner, Chairman
W. Hughes Brockbank, Vice Chairman
George C. Hatch
Donald B. Holbrook
Neal A. Maxwell

CAPITAL FACILITIES

Robert L. Newey, Chairman
Wayne Owens, Vice Chairman
Kem C. Gardner
Mary Lunt

BUDGET AND FINANCE

J. Lynn Dougan, Chairman
E. LaMar Buckner, Vice Chairman
W. Hughes Brockbank
David S. Monson
Ernest D. Mariani

CURRICULUM, ROLES AND VOCATIONAL-TECHNICAL

Rex G. Plowman, Chairman
Reba L. Keele, Vice Chairman
Holly Sloan

MASTER PLANNING AND GOVERNANCE

Donald B. Holbrook, Chairman
Neal A. Maxwell, Vice Chairman
Ralph S. Blackham
George C. Hatch

Members of The Utah State Board of Regents

June, 1982

From Left, Top Row descending: Rex G. Plowman; W. Hughes Brockbank, vice-chairman; Kem C. Gardner, chairman; Arvo Van Alstyne, commissioner and chief executive officer; Ralph S. Blackham; J. Lynn Dougan; E. LaMar Buckner; George C. Hatch; Donald B. Holbrook; Reba L. Keele; Ernest D. Mariani; David S. Monson; Mary D. Lunt; Neal A. Maxwell; Robert L. Newey; Wayne Owens; Glen L. Taggart; and Holly Sloan.

ADMINISTRATIVE STAFF, OFFICE OF THE COMMISSIONER OF HIGHER EDUCATION

807 East South Temple Street, Suite 204
Salt Lake City, Utah 84102
Telephone (801) 533-5617
(April 1982)

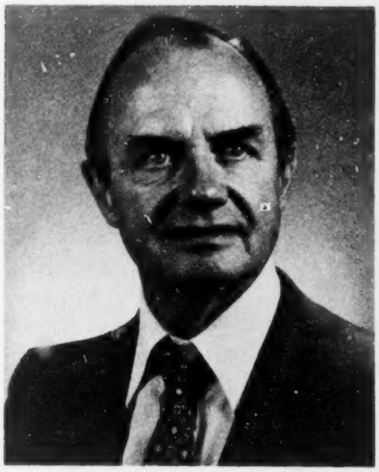
Commissioner of Higher Education and Chief Executive Officer of the Board	Arvo Van Alstyne, J.D.
Executive Assistant	Harden R. Eyring, J.D.
Administrative Secretary	Joyce B. Fox
Information Officer	Edward J. Peters, B.S.

Associate Commissioner for Academic Affairs	Eugene T. Woolf, Ph.D.
Assistant Commissioner for Academic Affairs	Don A. Carpenter, Ph.D.
Assistant Commissioner for Allied Health and Vocational Programs	David R. Terry, Ph.D.
Secretary; WICHE Certifying Officer	Renae Richards
Secretary	Lu Larson
Research Assistant	Berniece Goebel

Associate Commissioner for Planning	Steven D. Bennion, Ph.D.
Director of Institutional Research	Russell C. Richards
Director, Title I Programs and Coordinator of Statewide TV	T. M. (Tad) Williams, Ph.D.
Assistant Commissioner for Veterans Education and Proprietary Schools	Sterling R. Provost, Ph.D.
Education Information Center	Samantha Ritchie
Secretary	Vivian Taylor
Secretary	Janet Demman

Associate Commissioner for Finance	Iver E. Bradley, M.S.
Director for Budgets	Derald V. Johnson, M.B.A., C.P.A.
Director of UHEAA; Administrative Assistant for Internal Affairs	Hefin Jones, M.B.A.
Supervising General Auditor, Deputy Executive Director Utah Student Loan Program	Richard O. Davis, C.P.A.
Administrative Assistant Utah Student Loan Program	Beth Lowery
Administrative Assistant Utah Student Loan Program	Kathryn Chestney
Auditor, Assistant Executive Director Utah Student Loan Program	Dennis Walden, C.P.A.
Auditor	Aman Kudiya, B.C.
Auditor	Richard Tomlinson, C.P.A.
Bookkeeper	Pauline Chee

I. COMMISSIONER'S REPORT



Arvo Van Alstyne
Commissioner of Higher Education
and Chief Executive Officer
Utah State Board of Regents

The Commissioner's report for 1980-81 could perhaps best be written by my two predecessors--Dr. T. H. Bell, who resigned from the Utah System of Higher Education in January, 1981, to accept the position of Secretary of Education in President-elect Ronald Reagan's new administration; and Dr. Leon R. McCarrey, who served as Acting Commissioner of Higher Education for Utah from January through July, 1981, when my tenure as Commissioner began. Dr. McCarrey was actively engaged at Yale University as a Postdoctoral Fellow during the academic year, prior to accepting a faculty position at Utah State University.

I will attempt to briefly summarize the major actions taken by the State Board of Regents and the Forty-fourth Legislature during 1980-81.

1981-82 Budget

Despite the budget-cutting disposition of the 1981 Utah Legislature, the state's colleges and universities were treated fairly. The Legislature approved a budget of $233,242,500 for Utah's nine colleges and universities, and other higher education programs. This budget included about $1 million each for the Skills Centers at Weber State College and Utah Technical College at Salt Lake, appropriated from the Uniform School fund. It also included more than $10 million for the University of Utah School of Medicine and University Hospital. The total budget represented an overall increase of about 9.3 percent over the previous year, but it was well below the $247.8 million the Regents requested.

The 1981 Legislature also allocated $24,105,000 to the State Building Board for new building and renovation projects, of which 20.6 percent, or $4,967,000, was allocated to higher education projects.

Enrollment Growth

The Utah System of Higher Education experienced significant, unexpected growth in both Fall and Winter Quarters during 1980-81. Systemwide FTE enrollments increased 6.0 percent for the Fall Quarter of 1980 above Fall Quarter 1979. The Fall 1980 FTE enrollment for the entire system was 48,807, compared to 46,056 FTE for Fall 1979. This represented an increase of 2,751 FTE during a one-year period. Much of the enrollment increase was attributable to increased participation of older students (25 and above). Of the increase in headcount enrollment in the Fall of 1980 over 1979, 45 percent was contributed by older students who constituted only 35 percent of the total system studentbody.

Presidential Changes

Since the last Annual Report was prepared, administrative changes have occurred at two of our colleges. Dr. Orville D. Carnahan resigned the presidency of Southern Utah State College to accept an appointment as president of Utah Technical College at Salt Lake. And Dr. Gerald R. Sherratt, Vice President for University Relations at Utah State University, was appointed by the Regents to become the new president at Southern Utah State College.

Various actions taken by the Board of Regents, and information on students, facilities, budgets, and profiles of Utah System of Higher Education institutions are contained in the sections of this Annual Report which follow.

Commitment

In the relatively short time that I have served as Utah Commissioner of Higher Education, I have gained a new appreciation for the vitality of our various institutions, and for the commitment of the Regents, institutional presidents, faculty, staff, and administrative teams in serving the needs of higher education in this state. Although experience demonstrates that enrollment pressures will continue to mount during the period of economic uncertainty which we are now experiencing, I am confident that the historic commitment of Utah to remain a leader among the states in providing quality higher education to our citizens will not be forgotten.

I am pleased to represent the State Board of Regents, the Office of the Commissioner, and the Council of Presidents in forwarding this 12th Annual report of the status of Utah Higher Education to the Governor and the Legislature. As Utah's third Commissioner of Higher education, I pledge my full commitment to work for excellence in education at each of our institutions. Under the governance of a dedicated State Board of Regents, and in full cooperation with a supportive Legislature and Governor, we resolve to work diligently to merit the trust of Utah students, taxpayers, and others who legitimize our efforts.

Arvo Van Alstyne
Commissioner of Higher Education
and Chief Executive Officer
Utah State Board of Regents

II. EVENTS OF THE YEAR

July 17, 1980 -- The Regents considered proposed amendments to Bylaws of the Board of Regents, prepared by the SBR Executive Committee. The revised bylaws, which were adopted as amended, were designed to clarify the role of the Commissioner of Higher Education.

-- A list of priority capital facility projects was adopted by the Board, as amended, prior to its submission to the State Building Board.

-- A "Proposed Regents' Decision-Making Procedure for Adopting the 1981-82 Budget for the Utah System of Higher Education" was approved, as amended.

-- The Regents reviewed and approved changes in the articles and bylaws of the Utah Education Loan Services (UELSI) that modify the membership of the Board of Directors, and change the servicing and consulting contracts with UELSI. In addition, the Regents received a report on the financing of the loan program and on servicing work and activities of UELSI.

-- The Regents approved a University of Utah proposal for financing of equipment for the new University of Utah Hospital by means of a loan from E. F. Hutton & Co. Inc. in the amount of $9,975,000. The Commissioner was instructed to review the policy for consideration of the Regents at their September meeting, regarding delegation of authority to presidents and institutional councils on the financing of such equipment needs. In the meantime, presidents were asked to report to the Regents any proposed substantial acquisitions of equipment financed in this way.

-- It was reported to the Regents that during the 1974-75 academic year all institutions in the USHE submitted a five-year plan showing how they proposed to limit the number of faculty members awarded tenure. The University of Utah complied with all aspects of its five-year plan. The Regents instructed the nine institutions comprising the USHE to update the five-year plans, to be filed with the office of the Commissioner, showing how they propose to limit the awarding of tenure and to review the performance of tenured faculty during the 1980-85 period.

-- The Regents received a report of the Skills Center North Task Force and adopted the recommendations contained therein.

-- The Regents accepted Dr. Rolfe Kerr's resignation as President of Dixie College to accept a vice-presidency at BYU. Regent Mary Lunt was appointed as Chairperson of the Search Committee for President Kerr's replacement.

September 10, 11, 12, 1980

-- Commissioner T. H. Bell reviewed the Regents decision-making procedure for adopting the 1981-82 budget for the Utah System of Higher Education.

-- Regents heard budget requests of the institutions for fiscal year 1981-82 and gave the Commissioner guidelines in preparing his recommendations for Board action.

-- Commissioner introduced President C. David Cornell of Westminster College, who serves as a member of the 1202 Planning Commission, as one of the augmentees to the State Board of Regents appointed by the governor for this purpose.

-- Superintendent Walter D. Talbot of the State Board of Education presented a report concerning the 65-member Statewide Education Planning Commission, appointed by the Utah State Board of Education in November, 1979. He distributed materials describing the mission and structure of the Planning Commission and its task forces and listing some issues and goals of the Utah system of public education.

-- Commissioner T. H. Bell presented a report concerning planning efforts of the Regents' Committee on the Future. He discussed some of the issues confronting higher education in Utah and assumptions for planning to meet demands for population, employment and enrollment growth.

-- Dr. James R. Randolph was appointed President of the College of Eastern Utah.

-- A resolution honoring former Regent Warren H. Bulloch, who died August 27, 1980, was adopted by the Board. Mr. Bulloch served with distinction as a member of the State Board of Regents from its inception in 1969 to June 30, 1977.

October 16, 1980 -- Commissioner T. H. Bell recommended a budget he felt was fully within the funding capacity of the State if the commitment that the State had been making to higher education was not reduced.

-- The recommended budget for 1981-1982 totaled $243,601,406 of which $188,628,222 was to be funded by state general fund appropriations and $54,973.184 was to be funded by dedicated credits such as tuition, fees, reimbursed overhead and other revenues.

-- The Board approved a 12-month option to a firm to purchase the St. Benedict's Hospital property for $1,000,000, with payments of $10,000 per month to be made until such time as the option is expired under the conditions stipulated.

November 18, 1980 -- The Regents approved the following policy on teacher certification: It is the policy of the State Board of Regents that colleges and universities in the Utah System of Higher education which seek approval of the State Board of Education for certification of endorsement of teacher education programs and offerings submit requests for such approval first to the office of the Commissioner to determine whether such requests are consistent with the teacher education roles assigned by the Board.

-- A report on the economic impact of nonresident students was received by the Regents. Additional data and materials relating to the report will be forthcoming at a later date.

-- Commissioner Bell reported on the budget hearings with the State Budget Office held on October 30 and 31. He indicated that although Governor Matheson was not present for the hearings, considerable concern was expressed that the Board of Regents had recommended a 17% appropriation increase for the USHE. Recognition was also given to the fact that the Board of Regents, the Commissioner and the Presidents of all institutions were unanimous in the recommendation. Commissioner Bell said that there will be a special session of the legislature in December, and that the Governor will meet with the Regents next week to discuss the budget recommendations.

-- The Board approved the appointment of Dr. Alton L. Wade as President of Dixie College.

-- The Board adopted a resolution presented by Regent Maxwell which directed the Commissioner to make specific recommendations at the December meeting regarding (1) the probable appropriation shortfalls for 1981-85 for funding the USHE; (2) the new or revised policies required to maintain the present quality of the system; (3) Enrollment limitations; tuition increases; the possibility of converting the two branch campuses of certain existing institutions.

-- At a meeting of the Higher Education Assistance Authority and of the Utah Guaranteed Student Loan Program, the Board was introduced to representatives of Smith Barney, Harris Upham & Co., of Chicago, a leader in student loan financing. It was proposed that Smith Barney be allowed to be first to present a proposal describing the services they can offer. The Board authorized its Executive Committee to review any negotiations and enter into a contract if satisfied.

-- It was reported that the State Building Board had changed the priority list of capital facilities formulated by the State Board of Regents. The Regents named a committee to meet with the Building Board to express the Regents' concern and to try to resolve the differences.

December 16, 1980 -- The Regents accepted the resignation of Dr. Dale S. Cowgill as President of Utah Technical College at Salt Lake, and appointed James R. Schnirel as Acting President.

-- In light of the Utah State Building Board's reordering of the Regents' capital facilities priority list for the USHE, and its decision not to reconsider that list, the Regents agreed to appoint an ad hoc committee to prepare legislation to exempt higher education from the provisions of the Building Board statute, or such other alternatives concerning the resolution of this problem. It was further agreed that the Regents will present their capital facilities priorities to the legislative committees, and point out the differences between the Regents' list and the Building Board's.

-- A proposal to change the Weber State College Skills Center to an area vocational center was presented to the Regents. The Board approved the Commissioner's recommendation which was to oppose this change in status of the Skills Center.

January 21, 1981 -- The Regents formally accepted Commissioner T. H. Bell's resignation as Commissioner of Higher Education, and appointed Dr. Leon R. McCarrey as Acting Commissioner. The Executive Committee of the Board was appointed as the Search Committee for a new Commissioner. The Board voted unanimously that a resolution of appreciation be prepared for Dr. Bell who takes his position as Secretary of Education in the Reagan administration.

-- Tuition surcharges for the following institutions were approved for Spring quarter: Utah State University $2 per credit hour; Southern Utah State College $2 per credit hour; Snow College $2 per credit hour; Dixie College $1 per credit hour; Utah Technical College at Provo $1 per credit hour; College of Eastern Utah $1 per credit hour. A tuition surcharge of $2 for Spring quarter at the University of Utah and Weber State College was requested by the institutions and approved by the Board last month.

-- The Board reviewed summaries of legislation which would affect the Utah System of Higher education and voted to support legislation (1) relating to workmen's compensation to employees of state-supported colleges and universities; (2) relating to the powers of the Utah State Building Board, authorizing the Building Board to delegate to institutions and agencies of the state authority to plan, design, contract and supervise improvement or other work; the total project cost not to exceed $50,000; (3) relating to the Utah State Building Board. The Building

Board would not be permitted to change the sequence of priorities established by the Board of Regents for the USHE; (4) relating to Higher Education loan act amendments; (5) relating to changes in retirement system requirements; (6) relating to the associate degree in Science at UTC/Provo, providing for a three-year trial period of the degree and an appropriate evaluation process. This is subject to changes to be made at the discretion of the Executive Committee, after conferring with the State Board of Education. The Regents agreed to remain neutral on a proposal to add the Lt. Governor to the State Board of Regents as an ex officio member of the Board, and took no action on proposed legislation to abolish the State Board of Regents.

-- A presidential search committee was formed for UTC/Salt Lake.

-- The Regents approved a proposed pilot program for the Associate of Science Degree at Utah Technical College at Provo.

February 18, 1981 -- It was reported to the Regents that on February 10 the Higher Education Appropriations Joint Subcommittee recommended an increase in appropriations of $10,250,177 for the Utah System of Higher Education, on the basis of enrollment growth. The recommendation excluded from the $10.25 million increase any funding for personal services which will be recommended by the subcommittee after the funding level for all state and public school employees is determined. The Board adopted the Acting Commissioner's recommendation to support the legislative analyst's allocation of the $10.25 million. The subcommittee also recommended that tuition would remain at the 9.5% increase level.

-- The Board reviewed a comparison of the regents' prioritization and the Building Board's prioritization with capital facilities action taken by the Government Operations Subcommittee on January 28, 1981. The Regents felt that their recommendations regarding priorities of capital facilities needs in the USHE had been ignored, and adopted a motion which took exception to the process being followed and which reaffirmed their prioritization.

March 11, 1981 -- The Regents agreed to urge the Utah Senate to allow the Utah Technical College at Provo to offer the associate degree in science program. The Regents indicated that they would consider extending the program to UTC/SL after reviewing the progress made at Provo.

-- The regents discussed their seven "Major Planning Issues for the Decade of the 1980s" and study committees were requested to consider each issue, as amended. The seven areas for study are: Enrollment Trends and Projections, Manpower Demands and Student Interests; Economics and Financing of Higher Education; Facilities; Maintaining and Enhancing the Quality of Higher Education; Providing for Increased Needs in Lower-Division Education; Roles, Articulation, and Interinstitutional Cooperation; and Lifelong Learning and Community Service.

-- The Board directed the Acting Commissioner to make a study of public school teacher salaries compared to college and university faculty salaries.

-- President Gardner suggested that the Regents study the implications of rising tuitions and restrictions on student loans.

April 22, 1981 -- The Board heard a report on the legislative and budgetary activities of the 1981 Legislature.

-- The Board heard an analysis of the implications of rising tuitions and restrictions on student loans and approved the Commissioner's recommendations, as amended.

-- A policy for budget reductions in the Utah System of Higher Education was approved as presented.

-- The Board received a report on major planning issues of the decade of the 80's.

-- Proposed salaries for 1981-82 for the presidents of all institutions in the USHE were approved by the Regents.

-- The Board authorized institutions in the USHE to make application, if they wished, for the procurement of certain federal lands under the Department of the Interior's new policy. However, before any contract is entered into, it must have the Board's approval.

-- The Board received a Regents' ad hoc Committee on Building Costs in Higher Education preliminary report. Further reports will be made in the future.

-- Tuition and fee schedules for 1981-82 for all institutions, including the University of Utah, were approved by the Board.

May 20, 1981 -- The Board approved proposed Utah System of Higher Education 1982-83 Budget Guidelines as recommended by the Acting Commissioner of Higher Education.

-- A 1980-81 Enrollment Report for the Utah System of Higher Education was received by the Regents.

-- A Student Loan Program resolution, authorizing the negotiation of loans from local lending institutions, was approved as amended by the Board.

-- The Board received a report from the Committee on the Future.

-- The Board heard a request from Snow College to purchase several buildings standing on 11 acres to be used for a Career Center. The Commissioner's office was asked to make a detailed analysis of the request for consideration by the Regents at the June meeting.

-- A proposed amendment to the Utah Higher Education Assistance Authority Regulations was approved by the Regents.

-- The Board encouraged institutions in the USHE, if they have not already done so, to develop a policy regarding sexual harassment similar to the policy established by the State of Utah.

June 18,1981 -- The Regents heard capital facilities request for 1982-83 from all nine institutions in the Utah

System of Higher Education, including the University of Utah.

-- A statement on academic freedom, professional responsibility, and tenure from Utah Technical College/Salt Lake will be considered by the Board at the July meeting.

-- The Regents authorized the University of Utah to adjust the student building fees to provide a basis for financing the construction of a new Student Services Building on campus. The financing plan for the project will be submitted to the Regents at a later date.

-- A proposal from the University of Utah that the Board of Regents initiate a capital facility funding request for KUED to the legislature, through the Building Board, rather than including the station's facilities needs with the University's prioritized capital facilities requests, was approved by the Regents.

July 22, 1981 -- The Board received a report on enrollment data for the 1980-81 academic year.

-- The Regents approved five recommendations of the financing proposal for Phase II of the University of Utah Energy and Minerals Research Facilities Program: Chemistry Building addition, with the amendment that no recommendation be approved with regard to the estimated project cost.

-- A proposal from Weber State College to establish the Ogden-Weber Career Center was discussed by the Regents. It was decided that the proposal be submitted to the State Board of Education, and the matter discussed again at the Regents' August 31 meeting.

-- President Carnahan of SUSC will relinguish that position and become President of UTC/SL effective August 1. Vice President Harl Judd will be acting President at SUSC.

-- The Board unanimously approved the appointment of Arvo Van Alstyne as Commissioner of Higher Education, effective August 1, 1981.

-- The Regents elected Kem Gardner as Chairman of the Board and Hughes Brockbank as Vice Chairman. Elected to serve on the Executive Committee are Regents Gardner, Brockbank, Holbrook, Hatch, Maxwell, and Harris.

-- The Board again discussed Snow College's request to purchase the Roadrunner facility to be remodeled as a Career Center. The Regents expressed their interest in the property and asked for further study on the costs involved with the acquisition.

-- After a presentation by Jed Kee on the Utah State Capital Budget, and after a lengthy discussion of the capital facilities agenda items, it was decided that there would be a special Planning and Capital Facilities Committee meeting of the Regents on Friday, August 14 at 2:00 p.m. at the Regents' offices to continue the discussion.

August 31, 1981

-- The Regents adopted a resolution of appreciation for Dr. Leon McCarrey who was Acting Commissioner of Higher Education prior to Arvo Van Alstyne's appointment as Commissioner. Dr. McCarrey has accepted a one-year visiting fellow appointment at Yale University.

-- The SUSC President Search Committee membership was announced. Jay Dee Harris is to be Chairman.

-- The Board congratulated President Gardner upon his recent appointment as Chairman of the National Commission on Excellence in Education.

-- The Board adopted a resolution authorizing the issuance and confirming the sale of $35 million Student Loan Notes. The Utah Education Loan Service, operated by the regents, will use $11 million of the proceeds to retire previous loans with two Utah banks. The balance will be used to buy student loans from eligible lenders.

-- A reorganization of the Regents' Committee Structure was discussed and approved by the Board as presented. The restructuring included the creation of five standing committees.

-- Proposed amendments to the Bylaws of the Board of Regents were discussed and a number of recommendations and changes made which the Commissioner was asked to incorporate into the bylaws.

- A proposed policy to provide incentives for energy conservation was approved, as presented.

- Guidelines for classifying projects as "Capital Developments" or as "Capital Improvements" were adopted.

- The Regents approved a policy for requesting funding for capital improvement projects under $30,000.

- The Regents approved, in principle, the approach of submitting to the Governor and Legislature a request that a facility be constructed for the purpose of housing KUED's current operations, such request to be made independent of the capital facilities requests as prioritized and submitted by the Board for the USHE. In the meantime the University of Utah may commence to program the building and examine site selection.

- The Board agreed to request a one-time supplemental appropriation for $600,000 from the 1982 Legislature to purchase the Road Runner Trailer Career building for Snow College.

- The Commissioner's recommendation of $3,376,000 to fund OSHA/Life Safety/Handicapped Access, Roof Repairs, and Parking Lot repairs was adopted by the Regents.

- The Regents discussed the Commissioner's recommendation for new capital facilities for the nine USHE institutions. The priorities were approved, and costs were accepted subject to adjustments, to be approved by the Board, that might be needed when additional information is obtained.

- The Commissioner's recommendations regarding 1982 Capital Facilities, Repairs, Replacements, and Modernization, were approved by the Board.

III. ACADEMIC AFFAIRS

The Office of the Commissioner completed several significant studies during 1980-81 academic year in the area of academic affairs. Perhaps the most significant report, adopted by the Regents, contained a procedure for the internal review of academic and vocational programs at the various institutions. Each year about one-seventh of the programs at the two universities and one-fifth at the remainder of the institutions will be reviewed. The program review procedure places primary responsibility for the maintenance of quality with the institutions. Internal evaluation reports are submitted to the Commissioner's Office by June 1st of each year, with subsequent reports prepared for action of the Regents at the September Board meeting.

The Regents also adopted a plan for evaluating the impact of the Associate of Science degree, approved by the Legislature, upon the mission of Utah Technical College at Provo. Another achievement in academic affairs was adoption by the Regents of the Social Work/Social Services Master Plan Report, developed with assistance from a statewide ad hoc advisory committee.

The report which follows includes Board actions and academic studies now in progress in the Commissioner's Office. Also included are summary reports from statewide educational television, veterans approval programs, the Western Interstate Compact on Higher Education (WICHE), and the Educational Information Center (EIC) program.

Programs Approved 1980-81

1. The Regents approved Certificates in Business Data Processing and Associate of Applied Science degree programs at Utah Technical College/Provo. (July, 1980)

2. The Regents approved the Associate of Applied Science degree program in Professional Flight/Professional Flight Management at Dixie College. (July, 1980)

3. Master of Science degree program in Computer Science at Utah State University was approved with the following stipulations and conditions: (1) only the non-thesis option was approved at this time; (2) the thesis option should not be authorized until Utah State University provides substantial evidence to the Office of the

Commissioner of increased enrollments, resulting in additional faculty and teaching assistants in the Department of Applied Statistics and Computer Science; and (3) the thesis option should not be considered for at least three years, permitting the non-thesis option to develop. (July, 1980)

4. Emergency Manpower Provision approval for a one-year program in Ultrasonography extended on an additional one-year-only basis at Weber State College. (July, 1980)

5. The Regents approved a pilot instructional program in Energy Use and Conservation Technology, subject to availability of financing with soft money, at Utah Technical College/Provo. (July, 1980)

6. Bilingual/Bicultural Composite Major in Secondary Education program was approved at Weber State College. (November, 1980)

7. Minor in Computer Science with emphases in either Science (small data base) or Business (large data base) was approved at Southern Utah State College. (December, 1980)

8. Associate of Applied Science degree program in Early Childhood Development, with a one-year Child Care Aide Certificate was approved for Snow College (to be initiated with no new state funding during the first three years). (December, 1980)

9. Associate of Applied Science degree program in Early Childhood Development approved at College of Eastern Utah. (December, 1980)

10. Certificate and Associate of Applied Science degree programs in Banking and Finance approved at Utah Technical College/Provo.

11. Master of Laws in Energy Law approved at the University of Utah. (January, 1981)

12. Minor in Aerospace Studies approved at Weber State College. (January, 1981)

13. Anthropology Minor at the University of Utah was approved by the Regents. (March, 1981)

14. Control Room Operator (Certificate) and Instrumentation and Control Technician (AAS degree) programs were approved for Utah Technical College/Provo under O.E. Code 17.3201 - Electric Power Generating Plants.

15. Utah State Legislature passed HB 258, allowing a three-year pilot Associate of Science degree at Utah Technical College/Provo. (March, 1981)

Programs Denied, Discontinued

1. University of Utah received approval to terminate the M.Ed. degree program in Educational Systems and Learning Resources. (July, 1980)

2. M.S. degree in Business Administration/Industrial Relations at the University of Utah was discontinued. (November, 1980)

3. The Regents opposed the proposal of Weber State College to change the Weber State College Skills Center to an Area Vocational Center. (December, 1980)

4. Associate of Applied Science degree offering in Power Plant Technology was denied at College of Eastern Utah. (April, 1981)

5. Associate of Applied Science degree program for an Environmental and Chemical Technician was denied at Utah Technical College/Provo. (April, 1981)

Changes in Academic Programs 1980-81

1. Ph.D. degree program in French at the University of Utah was placed on probation for a five-year period. (November, 1980)

2. Name change from the Division of Leisure Studies in the College of Health to the Division of Recreation and Parks Management at the University of Utah. Also approval of corresponding name changes in the degrees offered through the Division. (December, 1980) Changed to Division of Urban Recreation. (March, 1981)*

3. The University of Utah received approval to consolidate the Bachelor of Arts degree programs in Latin and Greek into a single Bachelor of Arts degree offering in Classics. (March, 1981)

4. Name change from Department of Instructional

Media to Department of Instructional Technology was approved for Utah State University. (March, 1981)

5. Name change: Certificate in Marketing to Certificate in Retail/Sales Management was approved at Utah Technical College/Salt Lake.

6. Regents approved the name change of the Department of Business Education and Office Administration to the Department of Business Education and Administrative Systems at Utah State University. (May, 1981).

7. The Operating Room Technician Program at Utah Technical College/Salt Lake was reinstated. (June, 1981)

*Name changed to Division of Recreation and Leisure with corresponding name changes in the degrees offered through the division.

Exclusive Role Assignments 1980-81

1. Utah State University awarded an exclusive role for graduate work in educational/instructional media programs. (July, 1980)

Change in System 1980-81

1. Policy on Teacher Certification: "It is the policy of the State Board of Regents that colleges and universities in the Utah System of Higher Education which seek approval of the State Board of Education for certification or endorsement of teacher education programs and offerings submit requests for such approval first to the Office of the Commissioner to determine whether such requests are consistent with the teacher education roles assigned by the Board." (November, 1980)

2. Program Review Procedures: This procedure requires review of all programs of instruction, research, public service within a department on a periodic basis. From general guidelines (on file in the Commissioner's Office) institutional personnel will design specific internal review procedures for their particular institution following established governance procedures of the college or university. Following institutional review of all programs within one-fifth or one-seventh of their departments, all materials will

be submitted to the Office of the Commissioner. Following careful review of the written reports submitted by the institutions, the Office of the Commissioner will submit to the Regents those institutional programs that they would recommend be discontinued or consolidated, reserving the right to counter recommendations to those of the institutions if such is deemed advisable. All written reports for the preceding year will be due in the Commissioner's Office by June 1 of each year, with a report for action to the Regents due at the September Board meeting. (July, 1980)

Studies in Progress

University of Utah
- Regional Dental Education Program with University of Washington
- Department of Human Genetics, and Ph.D. and M.S. Degrees in Human Genetics
- Reorganization of College of Health
- B.A. Degree in Film Studies
- Name change: College of Medicine to School of Medicine

Utah State University
- Certificate, Area Studies Emphasis in Gerontology
- Associate Degrees (A.S., A.A.S.)

Weber State College
- A.S. Degree in Security
- Certificate, Baccalaureate Programs in Gerontology
- Name Change: School of Humanities to School of Arts and Humanities
- Proposal for establishment of Ogden-Weber Career Center

Southern Utah State College
- B.S. Degree in Geology
- Undergraduate emphasis in Gerontology
- Diploma, General Merchandising
- Reinstitute Associate Degrees (A.S., A.A.S.)

Dixie College
- Certificate, A.S. Degree in Solar Technology
- Certificate, Family Living Skills

College of Eastern Utah
- One-year Certificate in Mining
- A.S. Degree in Nursing

Utah Technical College at Provo

- Lineman Training (name change from Electric and Automation Technician)
- Expansion of Dental Assisting Program to Salt Lake Area
- A.A.S. Degree in Nursing
- A.A.S. Degree in Early Childhood Development

Utah System of Higher Education

- Undergraduate Certificate Programs in Public Administration at University of Utah, Utah State University, Southern Utah State College
- Potential Role Assignments for Teachers of the Blind and Teachers of the Deaf
- Program Review Procedure Schedules
- Greater Salt Lake Area Needs Assessment for Program in Undergraduate Social Work
- Offering Two-Year Degree and Certificate Programs at Four-Year Institutions
- Credit Transfer Policy Within Utah System of Higher Education

STATEWIDE EDUCATIONAL TELEVISION

Developments in Utah's coordinated, statewide educational television and related telecommunication programs during 1980-81 include:

1. Completion, as part of the master planning effort for educational telecommunication, of a statewide telecommunications user-needs and engineering feasibility study. The study was made possible by a federal National Telecommunications and Information Agency (NTIA) planning grant to Media Services at the University of Utah which conducted the study with input from postsecondary, elementary-secondary and other user agencies.

2. Findings from a needs and engineering study were used as basis for a $811,000 telecommunications equipment grant application to NTIA. This interagency, cooperative application, if awarded, will provide 75% federal support for: (a) replacement of five antiquated KUED translators needed to upgrade signal quality in southeastern and central Utah; (b) installation of 16 FM radio translators at key KUED mountaintop sites to extend first-time educational radio service to many new areas of the state; (c) completion of key

Southern Utah leg of narrowband voice and data microwave system (being developed and operated by the State Departments of Transportation and Public Safety) to which educational units will have access; (d) installation at selected KUED translator sites of wideband microwave equipment to extend two-way video and stereo-radio service to Southern Utah State College in Cedar City; and (e) refurbishment of Southern Utah State College's instructional television and radio facilities to enable the College to become the lead-agency for a pilot regional/local telecom center to extend benefits to statewide and regional/local telecommunication programs more widely and conveniently to underserved citizens of southern and southwestern Utah.

3. Continuation of educational telecommunication master planning under the direction of Dr. T. M. Williams, Coordinator of Statewide Television, and Dr. Leon R. McCarrey, Acting Commissioner of Higher Education. Findings from aforementioned user-needs and engineering study are being utilized by the master planning task force in development of its recommendations for possible application of a wide range of telecommunication technologies for support of education, training, information and cultural programs in Utah.

4. Continuing progress in programs to assist citizens, public schools, local public officials, colleges and universities, motel and resort/recreation facility operators, television viewers and potential viewers of KUED to improve their reception and make better use of the programs broadcast by the station. Translator reception technicians continued to assist school officials and teachers in the more remote, rural areas of the state (where technical expertise is scarce) in diagnosing and correcting their reception difficulties.

5. Production by KUED - and release nationwide on public broadcasting network - of several regional and national public affairs documentaries.

6. Appointment of Bruce Christensen, former manager of KUED, as Director of Media Services at the University of Utah with continuing responsibility

as General Manager of KUED Television and KUER Radio.

7. Preliminary planning completed for expansive, experimental offering of credit telecourses on KUED, the statewide translator network and selected cable television systems. Five System institutions indicated a willingness to sponsor courses, and provide local faculty course development and support services needed to grant degree credit to telecourse enrollees.

VETERANS EDUCATION APPROVAL PROGRAM

To enable persons who have served with the United States Armed Forces to further their education, Congress has authorized benefits for veterans and other eligible persons attending approved schools. The Office of the Commissioner serves as the Utah State Approving Agency, administering the program under contract with the Veterans' Administration. This program is coordinated through Dr. Sterling R. Provost.

Since the FY81 report Congress has legislated the following provisions which impact the approval mechanism:

A. PL 96-466 (enacted October 17, 1980)
   1. Changes to the 50 percent employment rule for vocational programs were incorporated.
   2. With the amendment of payments to incarcerated veterans, the programs offered at Utah State Prison were terminated.
   3. Reductions in benefits for correspondence and flight training were made.
   4. Other amendments of lesser significance were also included.

B. "The Omnibus Budget Reconciliation Act of 1981," HR 3982 (enacted August 13, 1981), reduced further the benefits for correspondence and flight training. In addition, it also precluded the enrollment of new students after August 31, 1981, for flight schools.

C. A new GI Bill was endorsed by the House Veterans Affairs Committee and referred to their Senatorial colleagues. With various differences existing between the House and Senate, final resolution will not occur until sometime during 1982.

D. In addition, joint guidelines were developed with the collegiate institutions concerning the monitoring and subsequent reporting of credit for prior education AND a reaffirmation of the 1977 policy for establishing thesis and dissertation hours (both for VA purposes only).

During 1980-81, sixty-eight institutions, offering over a thousand programs of education and training, were serving eligible Utah veterans and their dependents under Title 38, Chapters 32, 34 and 35, United States Code, with more than 4,000 veterans and other eligible persons receiving educational benefits.

These institutions, shown on the following list, are representative of the institutions within the Utah System of Higher Education and the state's private higher education community. A number of the proprietary institutions include flight training, cosmetology and barbering, medical and related, trade and technical, and adult public high school diploma and vocational centers.

Together, the public, private, and proprietary schools offer a broad range of academic and vocational training programs suited to both the veteran and nonveteran student. Only one new school was approved for veteran training during the past year. The seven schools' programs whose approval was, for various reasons, withdrawn are shown at the end of this narrative.

PUBLIC INSTITUTIONS

STATE UNIVERSITIES AND COLLEGES

- University of Utah, Salt Lake
  - University Medical Center & Hospital, Salt Lake
- Utah State University, Logan
  - Education Centers, Moab and Roosevelt
- Weber State College, Ogden
  - Skills Center North, Ogden
- Southern Utah State College, Cedar City
- Snow College, Ephraim
- Dixie College, St. George
- College of Eastern Utah, Price
- Utah Technical College, Provo

Utah Technical College, Salt Lake
  Salt Lake Skills Center, Salt Lake

AREA VOCATIONAL CENTERS
- Bridgerland Area Vocational Center, Logan
- Sevier Valley Technical Institute, Richfield
- Uintah Basin Area Vocational Center, Roosevelt

ADULT PUBLIC HIGH SCHOOL PROGRAMS
- Alpine School District, American Fork
- Granite School District, Salt Lake
- Jordan School District, Sandy
- Ogden School District, Ogden

OTHER APPROVED PUBLIC INSTITUTIONS
- Utah Peace Office Standards & Training Academy, Salt Lake

PROPRIETARY AND PRIVATE INSTITUTIONS

UNIVERSITIES AND COLLEGES
- Brigham Young University, Provo
  - Education Centers, Ogden and Salt Lake
- Columbia College (branch), Salt Lake
- LDS Business College, Salt Lake
- Stevens Henager, Ogden and Provo
- Westminster College, Salt Lake

AVIATION SCHOOLS
- Alpine Aviation, Provo
- Central Utah Aviation, Provo
- Color Canyons Aviation, Cedar City
- Interwest Aviation, Inc., Salt Lake
- Sunwest Aviation, Ogden

COSMETOLOGY AND BARBERING SCHOOLS
- Beau LaReine College of Beauty, Logan
- Continental College of Beauty, Salt Lake (2)
- Hollywood Beauty College, Clearfield, Kearns, Logan, Ogden, Orem, Provo, Salt Lake (2), West Jordan, and West Valley
- International Institute of Hair Design, Bountiful, Midvale, and Salt Lake
- Mediterranean Academy of Scientific Hair Design, Sandy
- Painter's College of Beauty, Ogden and Roy
- Utah Barber College, Salt Lake
- Utah Executive School of Barbering & Men's Hair Styling, Ogden

MEDICAL AND RELATED TRAINING

- Holy Cross Hospital, Salt Lake
- LDS Hospital, Salt Lake
- St. Mark's Hospital, Salt Lake
- SLC College of Medical and Dental Careers, Salt Lake
- Utah MEDEX, Salt Lake
- Utah Valley Hospital, Provo

TRADE AND TECHNICAL SCHOOLS

- Becker CPA Review, Salt Lake
- Intermountain School of Broadcast, Salt Lake
- PREP Institute, Salt Lake
- Salt Lake School of Interior Design, Salt Lake
- Technical Engineering Institute, Salt Lake
- Violin-Making School of America, Salt Lake

WITHDRAWN INSTITUTIONS

- The Flight School, Ogden
- Northern Utah Aviation, Ogden
- Provo Aviation, Provo
- South Park Academy, Utah State Prison, Draper
- University of Utah Prison Program, Draper
- Utah State Division of Health, Salt Lake
- Utah Valley Hospital Dietetic Traineeship Program, Provo

COOPERATION WITH WICHE, 1980-81

The Student Exchange Program administered through the Western Interstate Commission for Higher Education (WICHE) assists Utah students in obtaining professional training in dentistry, veterinary medicine, optometry, and podiatry. Utah may receive students in medicine, physical therapy, pharmacy, public health architecture, law and forestry under the interstate compact. Students who are certified pay the same fees as if they were residents of the receiving state or pay one-third of the regular tuition rate if attending a private institution. Past appropriations have provided for five entering freshmen each year in dentistry, four in optometry, and two in podiatry. In 1980, 12 students were accepted at WICHE colleges in veterinary medicine. A contract with Kansas State University provides for the acceptance of up to three students per year at that institution. Three Utah students are currently studying at Kansas State under the contract, including one entering freshman. Continuing students receive the same assistance provided they maintain a satisfactory record.

In 1980-81 there were 52 Utah students in the veterinary medicine program, including the three students at Kansas State University; 17 in the dentistry program; 19 in optometry; and 7 in podiatry. A total of $894,899 was paid in compact fees for these students and $42,500 was paid as Utah's annual membership fee. The University of Utah received five medical students and two physical therapy students in 1980-81 with compact fees of $68,702 for medicine and $7,400 for physical therapy. In addition, Utah State University is a receiving school in forestry with two students and received support fees of $5,400. Total support fees received by the state in 1980-81 were $81,902.

Figure 1. Utah Degrees and Certificates Conferred 1971-72 Through 1980-81

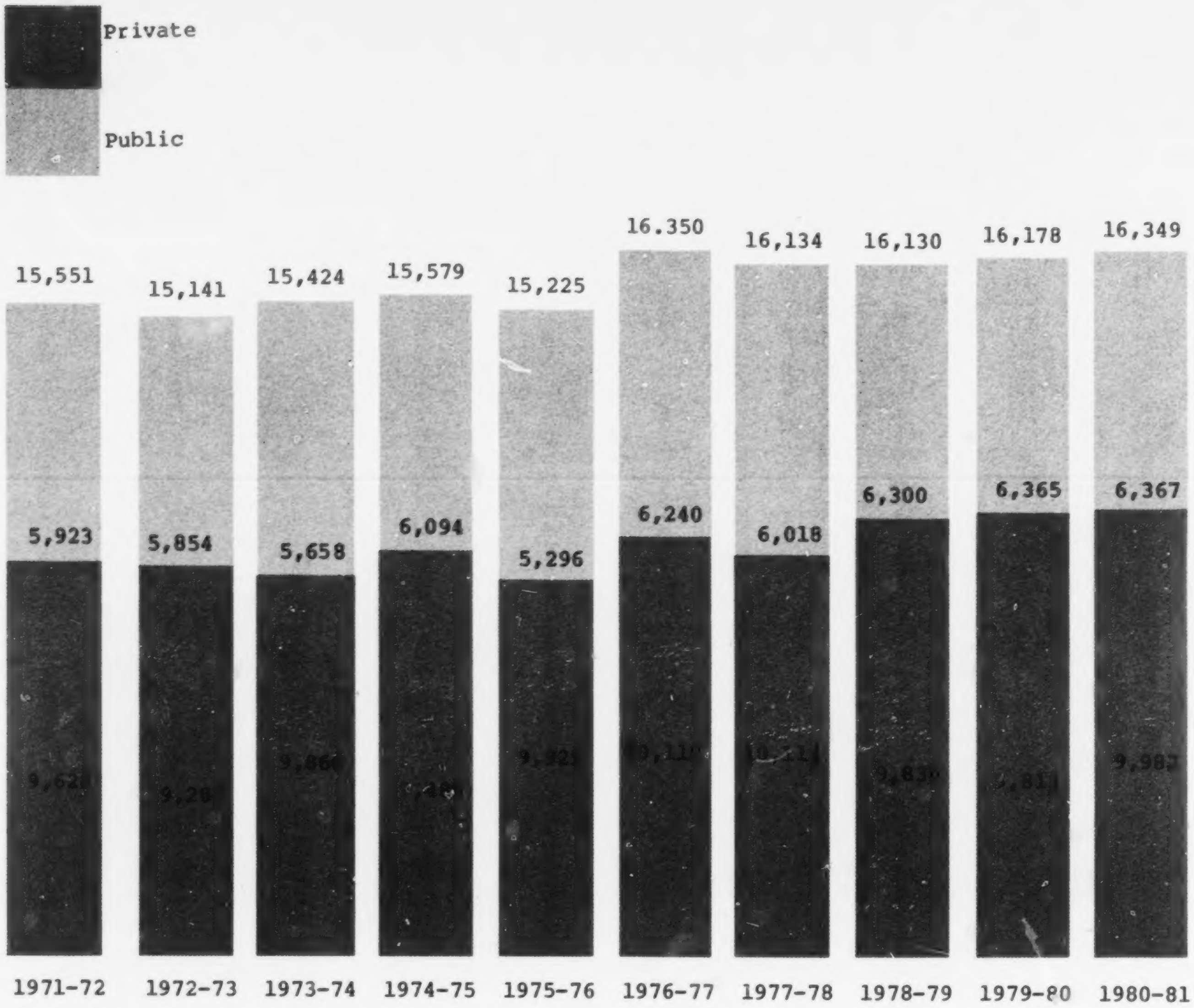


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TABLE 1
Utah System of Higher Education
Total Degrees Awarded Public and Private Institutions, 1975-76 Through 1980-81 with Percentage Changes From Previous Years

Level of Degree	No. (1)	No. (2)	% Increase Over 1975-76 (3)	No. (4)	% Increase Over 1976-77 (5)	No. (6)	% Increase Over 1977-78 (7)	No. (8)	% Increase Over 1978-79 (9)	No. (10)	% Increase Over 1979-80 (11)	% Total Degrees Awarded 1980-81 (12)
Bachelor's Degrees												
Public Institutions	4,967	5,082	2.3	4,926	(3.1)	4,864	(1.3)	4,821	(0.9)	4,804	(0.4)	38.9
Private Institutions	3,662	4,219	15.2	4,263	1.0	4,390	3.0	4,386	(0.1)	4,422	0.8	35.8
Total	8,629	9,301	7.8	9,189	(1.2)	9,254	0.7	9,207	(0.5)	9,226	0.2	74.7
Master's Degree												
Public Institutions[b]	1,661	1,694	2.0	1,608	(5.1)	1,500	(6.7)	1,355	(9.7)	1,403	3.5	11.3
Private Institutions[c]	600	782	30.3	808	3.3	988	22.3	981	(0.7)	976	(0.5)	7.9
Total	2,261	2.476	9.5	2,416	(2.4)	2,488	3.0	2,336	(6.1)	2,379	1.8	19.2
First Professional												
Public Institutions[d]	234	235	0.4	226	(3.8)	217	(4.0)	243	12.0	219	(9.9)	1.8
Private Institutions[e]	144	151	4.9	133	(11.9)	117	(12.0)	128	9.4	141	10.2	1.2
Total	378	386	2.1	359	(7.0)	334	(7.0)	371	11.1	360	(3.0)	3.0
Doctor's Degrees												
Public Institutions	282	287	1.8	248	(13.6)	240	(3.2)	295	22.9	256	(13.2)	2.1
Private Institutions	125	158	26.4	118	(25.3)	153	29.7	158	(3.3)	127	(19.6)	1.0
Total	407	445	9.3	366	(17.7)	393	7.4	453	15.3	383	(15.5)	3.1
Total Degrees												
Public Institutions	7,144	7,298	2.6	7,008	(4.0)	6,821	(2.7)	6,714	(1.6)	6,682	(0.5)	54.1
Private Institutions	4,531	5,310	17.2	5,322	0.2	5,648	6.1	5,653	0.1	5,666	0.2	45.9
Total	11,675	12,608	8.0	12,330	(2.2)	12,469	1.1	12,367	(0.8)	12,348	(0.2)	100.0
Total Degrees Awarded Throughout U. S.	1,337,100[g]	1,353,100[h]	1.2	1,425,980[h]	5.4	1,446,500[h]	1.5	1,365,090[i]	(5.6)	1,370,290[j]	(9.9)	---
Percent of U. S. Total From Utah Schools	.87	.93		.87		.86		.91		.90		

[a] Does not include associate degrees.

[b] Includes, for all years reported, Master of Philosophy degrees awarded by the University of Utah.

[c] Includes, beginning with the 1974-75 academic year, six-year certificates awarded by Brigham Young University excepting the 1977-78, 1978-79, 1979-80 and 1980-81 academic years when none were earned.

[d] Includes, beginning with the 1976-77 academic year, Doctor of Pharmacy degrees awarded by the University of Utah.

[e] Represents, beginning with the 1975-76 academic year, J.D. first professional degrees awarded by Brigham Young University.

[f] Kenneth A. Simon and Martin M. Frankel, Projections of Educational Statistics to 1983-84: 1974 Edition, U. S. Department of Health, Education and Welfare, Education Division, National Center for Education Statistics Publication No. 75-209 (Washington, D. C. Government Printing Office, 1975), p. 44.

[g] Simon and Frankel, Projections of Educational Statistics to 1984-85, U. S. Department of Health, Education, and Welfare, Education Division, National Center for Education Statistics Publication No. 76-210 (Washington, D. C. Government Printing Office, 1976), p. 42.

[h] Martin M. Frankel and Forrest W. Harrison, Projections of Educational Statistics to 1985-86, U. S. Department of Health, Education, and Welfare, Education Division, National Center for Education Statistics Publication No. 77-402 (Washington, D. C. Government Printing Office, 1977), p. 33.

[i] Martin M. Frankel and Debra E. Gerald, (ed.), Projections of Educational Statistics to 1988-89, U. S. Department of Education, National Center for Education Statistics Publication No. 80-402 (Washington, D. C. Government Printing Office, April, 1980), p. 62.

[j] Ibid.

Sources: HEGIS Reports, 1975-76 through 1980-81.

TABLE 2
Utah System of Higher Education
Comparison of Degrees Conferred, 1971-72 and 1980-81
Utah Public and Private Institutions, by Level of Degree and Area of Study

Area of Study	Bachelor's Degrees 1971-72	Bachelor's Degrees 1980-81	Increase	Master's Degrees 1971-72	Master's Degrees 1980-81	Increase	Doctor's Degrees 1971-72	Doctor's Degrees 1980-81	Increase	Total Degrees 1971-72	Total Degrees 1980-81	Increase
Agriculture & Natural Resources	220	323	46.8	35	80	128.6	9	20	122.2	264	423	60.2
Architecture & Environmental Design	60	51	(15.0)	16	27	68.8				76	78	2.6
Area Studies	12	49	308.3	1	9	800.0				13	58	346.2
Biological Sciences	472	353	(25.2)	68	72	5.9	74	37	(50.0)	614	462	(24.8)
Business Management	1,228.5	1,588	29.3	368	516	40.2	7	6	(14.3)	1,603.5	2,110	31.6
Communications	168	440	161.9	15	29	93.3	-	3	100.0	183	472	157.9
Computer & Informational Sciences	145	165	13.8	10	27	170.0	-	2	100.0	155	194	25.2
Education	2,144	1,454	(32.2)	621	635	2.3	184	130	(29.4)	2,949	2,219	(24.8)
Engineering	644	857	33.1	232	199	(14.2)	55[a]	29	(47.3)	931	1,085	16.5
Fine & Applied Arts	364	450	23.6	81	76	(6.2)	4	3	(25.0)	449	529	17.8
Foreign Languages	316.5	204	(35.6)	38	23	(39.5)	9[b]	8	(11.1)	363.5	235	(35.4)
Health Professions	307	421	37.1	64	102	59.4	69[c]	112[d]	62.3	440	635	44.3
Home Economics	423	502	18.7	39	36	(7.7)	2	7	250.0	464	545	17.5
Law	8	6	(25.0)				117[e]	255[f]	118.0	125	261	108.8
Letters	664	312	(53.0)	75	90	20.0	24	12	(50.0)	763	414	(45.7)
Library Science				51	29	(43.1)				51	29	(43.1)
Mathematics	123.5	76	(38.5)	31	21	(32.3)	3	3	-	157.5	100	(36.5)
Military Science	2	-	(100.0)							2		(100.0)
Physical Sciences	233	250	7.3	76[g]	71	(6.6)	45	35	(22.2)	354	356	.6
Psychology	407	414	1.9	41	25	(39.0)	30	33	10.0	478	472	(1.3)
Public Affairs & Services	178	269	51.1	194	231	19.1	1	20	1900.0	373	520	39.4
Social Sciences	1,335.5	910	(31.9)	97	81	(16.5)	29	28	(3.5)	1,461.5	1,019	(30.3)
Theology	1	-	(100.0)	15	-	(100.0)	8	-	(100.0)	24	-	(100.0)
Interdisciplinary	139	132	(5.0)							139	132	(5.1)
Total	9,595	9,226	(3.9)	2,168	2.379	9.7	670	743	10.9	12,433	12,348	(.7)

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[a] Includes 1 M.Ph. degree awarded in Electrical Engineering by the University of Utah.

[b] Includes 1 M.Ph. degree awarded in Persian by the University of Utah.

[c] Includes 62 M.D. first professional degrees awarded at the doctoral level by the University of Utah.

[d] Includes 98 M.D. and 7 D.Pharm. first professional degrees awarded at the doctoral level by the University of Utah.

[e] Represents J.D. first professional degrees awarded at the doctoral level by the University of Utah.

[f] Represents 114 J.D. first professional degrees awarded at the doctoral level by the University of Utah and 141 J.D. first professional degrees awarded at the doctoral level by Brigham Young University.

[g] Includes 3 M.Ph. degrees awarded in Physics by the University of Utah.

Sources: 1971-2 and 1980-81 HEGIS Reports.

TABLE 3
Utah System of Higher Education
Bachelor Degrees Conferred Public and Private Institutions
1975-76 Through 1980-81 by Institution

	1975-76 (1)	1976-77 (2)	1977-78 (3)	1978-79 (4)	1979-80 (5)	1980-81 (6)	Six Year Total (7)	Percent Increase 1975-76 Over 1975-76 (8)
System Institution								
University of Utah	2,665	2,640	2,616	2,556	2,382	2,337	15,196	(12.3)
Utah State University	1,288	1,346	1,295	1,353	1,374	1,269	7,925	(1.5)
Weber State College	765	842	804	721	818	915	4,865	19.6
Southern Utah State College	249	254	211	234	247	283	1,478	13.7
Totals for System Institutions	4,967	5,082	4,926	4,864	4,821	4,804	29,464	(3.3)
Yearly Percent Increase	1.1	2.3	(3.1)	(1.3)	(0.9)	(0.4)		
Private Institutions								
Brigham Young University	3,451	3,973	3,997	4,115	4,155	4,207	23,898	21.9
Westminster College	211	246	266	275	231	215	1,444	1.9
Totals for Private Institutions	3,662	4,219	4,263	4,390	4,386	4,422	25,342	20.8
Yearly Percent Increase	(13.7)	15.2	1.0	3.0	(0.1)	0.8		
Total Bachelor Degrees Awarded in Utah	8,629	9,301	9,189	9,254	9,207	9,226	54,[illegible]	6.9
Yearly Percent Increase for All Utah Institutions	(5.7)	7.8	(1.2)	0.7	(0.5)	0.2		

Source: HEGIS Reports, 1975-76 through 1980-81

TABLE 4

Utah System of Higher Education
Bachelor Degrees Conferred - 1976-77 Through 1980-81
by Public and Private Institutions and Area of Study

	Public Institutions						Private Institutions						Public & Private 5-Year Total (13)	Percent of Total Degrees (14)
	1976-77 (1)	1977-78 (2)	1978-79 (3)	1979-80 (4)	1980-81 (5)	5-Year Total (6)	1976-77 (7)	1977-78 (8)	1978-79 (9)	1979-80 (10)	1980-81 (11)	5-Year Total (12)		
Agriculture & Natural Resources	226	253	259	242	188	1,168	109	99	109	111	135	563	1,731	3.8
Architecture & Environmental Design	17	28	31	38	24	138	63	68	96	81	27	335	473	1.0
Area Studies	5	2	8	7	9	31	15	16	26	37	40	134	165	.4
Biological Sciences	241	198	177	146	155	917	235	222	191	189	198	1,035	1,952	4.2
Business & Management	792	820	809	793	806	4,020	485	533	681	674	782	3,155	7,175	15.5
Communications	127	137	122	136	151	673	220	204	183	266	289	1,162	1,835	4.0
Computer & Information Sciences	61	55	62	78	93	349	33	36	38	64	72	243	592	1.3
Education	805	720	691	758	724	3,698	726	767	782	807	730	3,812	7,510	16.3
Engineering	359	381	419	427	501	2,087	243	256	281	295	356	1,431	3,518	7.6
Fine & Applied Arts	273	231	197	237	227	1,165	171	167	185	195	223	941	2,106	4.6
Foreign Languages	76	91	66	74	70	377	163	116	122	144	134	679	1,056	2.3
Health Professions	274	256	316	323	275	1,444	169	155	230	213	146	913	2,357	5.1
Home Economics	188	221	191	176	201	977	402	377	348	284	301	1,712	2,689	5.8
Law	3	4	4	3	6	20	--	1	--	--	--	1	21	.0
Letters	232	244	237	193	200	1,106	136	128	148	125	112	649	1,755	3.8
Mathematics	48	64	50	38	33	233	41	51	41	27	43	203	436	.9
Physical Sciences	172	183	142	163	155	815	104	87	84	82	95	452	1,267	2.7
Psychology	248	241	277	239	238	1,243	128	123	100	116	176	643	1,886	4.1
Public Affairs & Services	174	139	122	125	146	706	150	153	131	146	123	703	1,409	3.1
Social Sciences	711	597	617	566	544	3,035	344	446	392	412	366	1,960	4,995	10.8
Theology	--	--	--	--	--	--	3	--	--	3	--	6	6	.0
Interdisciplinary Studies	50	61	67	59	58	295	279	258	222	115	74	948	1,243	2.7
Total	5,082	4,926	4,864	4,821	4,804	24,497	4,219	4,263	4,390	4,386	4,422	21,680	46,177	100.0
Percent Increase Over Previous Year	2.3	(3.1)	(1.3)	(0.4)	(0.4)	--	15.2	1.0	3.0	(0.1)	0.8	--	--	--

Source: HEGIS Reports, 1976-77 through 1980-81.

TABLE 5
Utah System of Higher Education
Total Bachelor's Degrees Awarded 1980-81
By Major Field of Study and Sex

Major Field of Study	U of U		USU		WSC		SUSC		TOTAL PUBLIC		BYU		WEST-MINSTER		TOTAL PRIVATE		TOTAL	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Agriculture & Natural Resources																		
Agronomy											17	3			17	3	17	3
Animal Science			10	3					10	3							10	3
Dairy Science																		
Fish, Game, & Wildlife Management			30	6					30	6							30	6
Horticulture											12	6			12	6	12	6
Agricultural Economics			9	1					9	1	33				33		42	1
Food Science & Technology			1	10					1	10	5	22			5	22	6	32
Forestry			17	7					17	7							17	7
Natural Resources Management			11	6					11	6							11	6
Agriculture & Forestry Management																		
Range Management			20	4					20	4	12	1			12	1	32	5
Soils Science			6						6		14	10			14	10	20	10
Ornamental Horticulture																		
Outdoor Recreation			10	6					10	6							10	6
Watershed Science																		
Range Reservation Economy																		
Agricultural Business			6						6								6	
Plant Science			19	6					19	6							19	6
Soil & Irrigation																		
Biometeorology																		
Agriculture & Farm Management																		
Architecture & Environmental Design																		
Environmental Design General																		
Architecture																		
Landscape Architecture			19	5					19	5							19	5
Interior Design											2	25			2	25	2	25

TABLE 5 (cont.)

Major Field of Study	U of U		USU		WSC		SUSC		TOTAL PUBLIC		BYU		WEST-MINSTER		TOTAL PRIVATE		TOTAL	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Area Studies																		
Asian Studies, General	1								1		24				24		25	
Latin American Studies											3				3		3	
European Studies, General											2	4			2	4	2	4
American Studies			2	2					2	2	5	2			5	2	7	4
Mexican American Studies																		
Middle Eastern Studies	4								4								4	
Biological Sciences																		
Biology, General	47	9	32	8			3		82	17			2	1	2	1	84	18
Biochemistry																		
Botany, General					2	2	3	3	5	5	4	9			4	9	9	14
Bacterliology																		
Plant Pathology																		
Zoology, General					26	3	7	3	33	6	124	21			124	21	157	27
Physiology, Human and Animal																		
Microbiology					5	2			5	2	29	7			29	7	34	9
Entomology																		
Medical Biology																		
Nutrition, Scientific																		
Environmental Studies													1		1		1	
Business & Management																		
Business & Commercial, General													33	16	33	16	33	16
Accounting	96	26	40	7	49	8	13	2	198	43	209	22	9	5	218	27	416	70
Business Statistics																		
Banking & Finance	128	10	27	1	27	1			182	12	110	16			110	16	292	28
Business Management & Administration	66	22	15	18	50	11	28	8	159	59	282	23			282	23	441	82
Hotel & Restaurant Management																		
FAA Air Traffic Management																		
Marketing & Purchasing	26	10	45	5	11	1			82	16	43	4			43	4	125	20
Secretarial Studies						3				3								3
Labor & Industrial Relations																		

TABLE 5 (cont.)

Major Field of Study	U of U		USU		WSC		SUSC		TOTAL PUBLIC		BYU		WEST-MINSTER		TOTAL PRIVATE		TOTAL	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Business Economics	4				6	1			10	1	9				9		19	1
Production Management																		
Office Administration																		
Government Logistics Management					17	3			17	3							17	3
Real Estate					3				3				1		1		4	
Operations Research			8						8								8	
Personnel Management			6	4					6	4							6	4
Communications																		
Communications, General					19	12	7	2	26	14	160	85	1	3	161	88	187	102
Journalism	59	42	6	4					65	46	10	2			10	2	75	48
Speech (Theatre)																		
Advertising											7	6			7	6	7	6
Communication Media											2				2		2	
Radio/Television											9	4			9	4	9	4
Computer & Information Sciences																		
Computer & Information Sciences General	29	9	14	7					43	16	61	7	3	1	64	8	107	24
Data Processing					26	8			26	8							26	8
FAA Computer Science																		
Education																		
Education General												22				22		22
Elementary Education, General	15	86	20	102	14	64	14	51	63	303	37	341		17	37	358	100	661
Secondary Education, General			14	12					14	12	1				1		15	12
Special Education, General	1	22	5	35					6	57	7	59			7	59	13	116
Special Learning Disabilities											1	14			1	14	1	14
Art Education							1		1			4				4	1	4
Music Education							1	4	1	4	6	8			6	8	7	12
Mathematical Education			1		1	2			2	2	3	2			3	2	5	4
Physical Education	32	37	21	22	3	3	17	5	73	67	42	22			42	22	115	89
Health Education	12	16	3	2					15	18							15	18

TABLE 5 (cont.)

Major Field of Study	U of U		USU		WSC		SUSC		TOTAL PUBLIC		BYU		WEST-MINSTER		TOTAL PRIVATE		TOTAL	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Business, Commerce & Distributive Education			4	10	2	6	2	7	8	23	11	35			11	35	19	58
Speech Correction																		
Industrial Arts, Vocational & Technical Education			12				11		23		23				23		46	
Pre-elementary Education														9		9		9
Education of Exceptional Children, not classifiable above																		
Agricultural Education			6	1					6	1							6	1
Home Economics Education		11								11								11
Nursing Education																		
Physical Education Nonteaching					8	6			8	6							8	6
Recreation Education																		
Science Education																		
Educational Psychology												1				1		1
Education of Mentally Retarded											1	10			1	10	1	10
Educational Supervision											13	33			13	33	13	[illegible]
Earth Science & Social Science Education											3				3		3	
Composite Teaching in Zoology											4	1			4	1	4	1
Educational Administration																		
Engineering																		
Engineering, General																		
Chemical Engineering	22	3							22	3	30	3			30	3	52	6
Civil, Construction, and Transportation Engineering	53	2	28	2					81	4	80	4			80	4	161	8
Electrical, Electronics & Communications Engineering	63	1	25	3					88	4	64				64		152	4
Mechanical Engineering	53	4	28	2					81	6	53	3			53	3	134	9
Geological Engineering	3	1							3	1	2				2		5	1
Industrial & Management Engineering	5								5								5	
Metallurgical Engineering	3								3								3	

TABLE 5 (cont.)

Major Field of Study	U of U M	U of U W	USU M	USU W	WSC M	WSC W	SUSC M	SUSC W	TOTAL PUBLIC M	TOTAL PUBLIC W	BYU M	BYU W	WEST-MINSTER M	WEST-MINSTER W	TOTAL PRIVATE M	TOTAL PRIVATE W	TOTAL M	TOTAL W
Materials Engineering	8	5							8	5							8	5
Petroleum Engineering	3	1							3	1							3	1
Mining & Mineral Engineering	29	1							29	1							29	1
Engineering Technologies			36	1	99	3	10		145	4	115	2			115	2	260	6
Manufacturing Engineering																		
Environmental & Sanitary Engineering																		
Physical Plant Administration																		
Agricultural Engineering			4						4								4	
FAA Electronic Technology																		
Engineering Mechanics																		
Fine and Applied Arts																		
Fine Arts, General																		
Visual Arts																		
Art History & Appreciation	2	6							2	6							2	6
Art (Painting, Drawing, Sculpture)	21	22	21	20	6	11		1	48	54	22	16	3	3	25	19	73	73
Music (Performing, Composition, Theory)	18	9	4	4				2	22	15	17	26			17	26	39	41
Music (Liberal Arts Program)					4	2			4	2				1		1	4	3
Dramatic Arts	11	16	8	4	3	1	4	4	26	25	13	23		1	13	24	39	49
Dance	3	14		3					3	17	2	27			2	27	5	44
Art, Commercial																		
Art, Communication																		
Cinematography											3	1			3	1	3	1
Applied Design											11	49			11	49	11	49
Photography					3				3		5				5		8	
Foreign Languages																		
Asian & Slavic Languages											1				1		1	
French	1	5	1	1					2	6	11	11			11	11	13	17
German	6	6	2	2	2				10	8	6	5			6	5	16	13
Spanish	14	7	3	1	4	2			21	10	41	13		2	41	15	62	25
Russian	1	3							1	3		4				4	1	7

TABLE 5 (cont.)

Major Field of Study	U of U M	U of U W	USU M	USU W	WSC M	WSC W	SUSC M	SUSC W	TOTAL PUBLIC M	TOTAL PUBLIC W	BYU M	BYU W	WEST-MINSTER M	WEST-MINSTER W	TOTAL PRIVATE M	TOTAL PRIVATE W	TOTAL M	TOTAL W
Chinese											8	1			8	1	8	1
Japanese											20				20		20	
Latin	1								1		1				1		2	
Greek, Classical	2								2		2	1			2	1	4	1
Arabic																		
Portuguese											3				3		3	
Italian											3	1			3	1	3	1
Hebrew																		
Foreign Languages, General		1					5		5	1							5	1
Health Professions																		
Health Professions, General					4	6			4	6							4	6
Nursing (Baccalaureate and Higher Programs)	7	100							7	100			1	26	1	26	8	126
Dental Specialties (Work Beyond First-Professional Degree, D.D.S. or D.M.D.)																		
Medical Specialties (Work Beyond First-Professional Degree, M.D.)																		
Pharmacy	50	18							50	18							50	18
Physical Therapy	16	9							16	9	1	3			1	3	17	12
Hospital & Health Care Administration											3	29			3	29	3	29
Occupational Safety & Health			3						3								3	
Public Health			4	3					4	3	11	23			11	23	15	26
Veterinary Medicine Specialties (Work Beyond First-Professional Degree, D.V.M.)																		
Speech Pathology & Audiology	5	12	3	9					8	21	5	17			5	17	13	38
Medical Laboratory Technologies (Baccalaureate and Higher Programs)	5	6		1	6	3			11	10	15	11		1	15	12	26	22
Veterinary Science			3	2					3	2							3	2

TABLE 5 (cont.)

	U of U		USU		WSC		SUSC		TOTAL PUBLIC		BYU		WEST-MINSTER		TOTAL PRIVATE		TOTAL	
Major Field of Study	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Home Economics																		
Home Economics, General				34				7		41		32				32		73
Clothing & Textiles				12						12		62				62		74
Consumer Economics & Home Management	3	37	1	4					4	41	37	17			37	17	41	58
Family Relations & Child Development	2	18	6	30	2	29			10	77	20	130			20	130	30	207
Foods & Nutrition	2	14							2	14		3				3	2	17
Law																		
Law, General			4	2					4	02							4	2
Letters																		
English, General	27	59	5	5	10	12	1	8	43	84	47	53		1	47	54	90	138
Linguistics	1								1		3	2			3	2	4	2
Speech, Debaate, & Forensic Science	35	16	8	7					43	23	1	2			1	2	44	25
Philosophy	5	1							5	1	1			1	1	1	6	2
Comparative Literature												1				1		1
Literature, English																		
Mathematics																		
Mathematics, General	18	6	2	1	5		1		26	7	26	8	3	1	29	9	55	16
Statistics, Mathematical & Theoretical											4	1			4	1	4	1
Military Sciences																		
Military Science (Army)																		
Physical Sciences																		
Physical Sciences, General													1		1		1	
Physics, General	8	4	3		2				13	4	16				16		29	4
Chemistry, General	28	9	6		11		9	2	54	11	37	2	2	1	39	3	93	14

TABLE 5 (cont.)

Major Field of Study	U of U M	U of U W	USU M	USU W	WSC M	WSC W	SUSC M	SUSC W	TOTAL PUBLIC M	TOTAL PUBLIC W	BYU M	BYU W	WEST-MINSTER M	WEST-MINSTER W	TOTAL PRIVATE M	TOTAL PRIVATE W	TOTAL M	TOTAL W
Atmospheric Sciences & Meteorology	6	1							6	1							6	1
Geology	12	2	28	1	15	2			55	5	32	4			32	4	87	9
Geophysics & Seismology	5	1							5	1							5	1
Mineralogy																		
Earth Sciences, General																		
Organic Chemistry																		
Nuclear Physics																		
Psychology																		
Psychology, General	79	74	9	13	35	16	10	2	133	105	92	38		2	92	40	225	145
Behavioral Science													14	20	14	20	14	20
Human Relations													5	5	5	5	5	5
Public Affairs and Services																		
Parks & Recreation Management	19	34							19	34							19	34
Social Work & Helping Services			8	19					8	19	10	43			10	43	18	62
Police Science																		
Law Enforcement & Corrections					62	4			62	4	33	10			33	10	95	14
Community Services, General											11	12			11	12	11	12
Aerospace Studies													2	1	2	1	2	1
Resort Management														1		1		1
Social Sciences																		
Social Science, General	3	2					1		4	2							4	2
Anthropology	6	10							6	10	8	7			8	7	14	17
Archaeology											3	3			3	3	3	3
Economics	40	4	12	4	3	1			55	9	51	2			51	2	106	11
History	33	19	16	8	18	6	5	2	72	35	46	21	5	3	51	24	123	59
Geography	19	2	5	2	5	2			29	6	21	20			21	20	50	26
Political Science & Government	77	28	20	9	23	3	5		125	40	56	9	3	3	59	12	184	52
Sociology	30	40	10	9	13	16	4	8	57	73	17	20		1	17	21	74	94
International Relations											52	14			52	14	52	14
Behavioral Sciences																		

TABLE 5 (cont.)

Major Field of Study	U of U		USU		WSC		SUSC		TOTAL PUBLIC		BYU		WEST-MINSTER		TOTAL PRIVATE		TOTAL	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Gerontology																		
Human Relations																		
Mexican-American Cultural Studies												1				1		1
Urban Studies	13	5							13	5							13	5
Women's Studies		3								3								3
Theology																		
Theological Professions, General																		
Interdisciplinary Studies																		
General Liberal Arts & Sciences				2	35	13			35	15	34	20			34	20	69	35
Biological & Physical Sciences					4	3			4	3							4	3
Humanities & Social Sciences						1				1	5	15			5	15	5	16
Youth Leadership																		
Genealogy Technology																		
Social & Biological Sciences																		
Environmental Science																		
English-Music Education																		
Communication in Management																		
University Studies																		
Women's Studies																		
Grand Total	1,396	941	755	514	643	272	162	121	2,956	1,848	2,551	1,656	89	126	2,640	1,782	5,596	3,630
	2,337		1,269		915		283		4,804		4,207		215		4,422		9,226	

Source: HEGIS Reports 1980-81.

TABLE 6
Utah System of Higher Education
Master's Degrees Conferred - 1976-77 Through 1980-81
by Public and Private Institutions and Area of Study

	Public Institutions[a, b]						Private Institutions[c]						Public & Private	Percent
	1976-77 (1)	1977-78 (2)	1978-79 (3)	1979-80 (4)	1980-81 (5)	5-Year Total (6)	1976-77 (7)	1977-78 (8)	1978-79 (9)	1979-80 (10)	1980-81 (11)	5-Year Total (12)	5-Year Total (13)	of Total Degrees (14)
Agriculture & Natural Resources	66	83	45	76	53	323	9	14	20	25	27	95	418	3.5
Architecture & Environmental Design	40	32	28	31	27	158	--	--	--	--	--	--	158	1.3
Area Studies	--	1	1	2	3	7	7	6	4	10	6	33	40	.3
Biological Sciences	23	30	25	26	27	131	34	32	33	40	45	184	315	2.6
Business & Management	645	558	535	360	324	2,422	90	126	194	195	192	797	3,219	26.6
Communications	33	3	8	7	9	60	21	16	23	21	20	101	161	1.3
Computer & Information Sciences	12	14	9	13	19	67	11	1	11	7	8	38	105	.9
Education	302	343	289	309	360	1,603	230	288	332	317	275	1,442	3,045	25.2
Engineering	152	148	122	128	117	667	46	55	61	61	82	305	972	8.0
Fine & Applied Arts	50	52	47	37	44	230	34	20	30	18	32	134	364	3.0
Foreign Languages	24	18	16	9	13	80	10	8	7	16	10	51	131	1.1
Health Professions	38	32	75	57	83	285	38	29	31	26	19	143	428	3.5
Home Economics	13	17	15	21	24	90	32	18	13	22	12	97	187	1.6
Library Science	--	--	--	--	--	--	67	46	42	39	29	223	223	1.8
Letters	54	42	45	40	42	223	31	31	38	37	48	185	408	3.4
Mathematics	20	13	13	16	9	71	15	7	11	3	12	48	119	1.0
Physical Sciences	42	59	39	53	52	245	16	10	11	29	19	85	330	2.7
Psychology	13	5	17	10	22	67	3	--	--	1	3	7	74	.6
Public Affairs & Services	102	104	115	108	127	556	63	68	98	84	104	417	973	8.1
Social Sciences	65	53	56	52	48	274	25	29	25	29	33	141	415	3.4
Theology	--	--	--	--	--	--	--	--	--	--	--	--	--	-
Interdisciplinary Studies	--	1	--	--	--	1	--	4	4	1	--	9	10	.1
Total	1,694	1,608	1,500	1,355	1,403	7,560	782	808	988	981	976	4,535	12,095	100.0
Percent Increase Over Previous Year	2.0	(5.1)	(6.7)	(9.7)	3.5	--	30.3	3.3	22.3	(0.7)	(0.5)	--	--	--

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[a] All academic years include Master of Philosophy degrees awarded by the University of Utah.

[b] Includes, beginning with the 1978-79 academic year, Master of Education degrees awarded by Weber State College.

[c] All excepting the 1977-78, 1978-79, 1979-80, and 1980-81 academic years include six-year Certificates awarded by Brigham Young University.

Source: HEGIS Reports, 1976-77 through 1980-81.

TABLE 7
Utah System of Higher Education
Master's Degrees Conferred Public and Private Institutions
1975-76 Through 1980-81 by Institution

	1975-76 (1)	1976-77 (2)	1977-78 (3)	1978-79 (4)	1979-80 (5)	1980-81 (6)	Six Year Total (7)	Percent Increase 1975-76 Over 1975-76 (8)
System Institution								
University of Utah[a]	1,246	1,302	1,151	1,104	901	928	6,632	(25.5)
Utah State University	415	392	457	394	433	431	2,522	3.9
Weber State College[b]	--	--	--	2	21	44	67	100.0
Totals for System Institutions	1,661	1,694	1,608	1,500	1,355	1,403	9,221	(15.5)
Yearly Percent Increase	16.6	2.0	(5.1)	(6.7)	(9.7)	3.5)		
Private Institutions								
Brigham Young University[c]	600	782	797	947	951	959	5,036	59.8
Westminster College	--	--	11	41	30	17	99	100.0
Totals for Private Institutions	600	782	808	988	981	976	5,135	62.7
Yearly Percent Increase	(29.1)	30.3	3.3	22.3	(0.7)	(0.5)		
Total Master Degrees Awarded in Utah	2,261	2,476	2,416	2,488	2,336	2,379	14,356	5.2
Yearly Percent Increase for All Utah Institutions	(.4)	9.5	(2.4)	3.0	(6.1)	1.8		

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[a] Includes Master of Philosophy degrees, which are the equivalent of doctoral degrees without dissertations.

[b] Represents, beginning with the 1978-79 academic year, Master of Education degrees only.

[c] Includes Six-year Certificates, excepting the 1977-78, 1978-79, 1979-80, and 1980-81 academic years when none were earned.

Source: HEGIS Reports, 1975-76 through 1980-81

TABLE 8
Utah System of Higher Education
Doctorates (Including J.D.s, M.D.s and D.s Pharm.) Conferred, Public and Private Institutions 1975-76 Through 1980-81 by Institution

Institution	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	Six-Yr. Total
System Institution:							
University of Utah							
Ph.D. & Ed.D.	207	216	161	168	208	193	1,153
M.D.	100	98	100	102	99	98	597
J.D.	134	134	125	113	137	114	757
D.Pharm.[a]	--	3	1	2	7	7	20
Total	441	451	387	385	451	412	2,527
Utah State University							
Ph.D. & Ed.D.	75	71	87	72	87	63	455
Total Doctorates (including J.D.s, M.D.s & D.s Pharm.) conferred in System	516	522	474	457	538	475	2,982
Percent Increase over previous year	(6.9)	1.2	(9.2)	(3.6)	(17.7)	(11.8)	
Total Ph.D.s & Ed.D.s conferred in System	282	287	248	240	295	256	1,608
Percent Increase over previous year	(12.1)	1.8	(13.6)	(3.2)	22.9	(13.2)	
Private Institutions:							
Brigham Young University							
Ph.D. & Ed.D.	125	158	118	153	158	127	839
J.D.	144	151	133	117	128	141	814
Total	269	309	251	270	286	268	1,653
Total Ph.D.s & Ed.D.s conferred in Utah	407	445	366	393	453	383	2,447
Percent Increase over previous year	(15.4)	9.3	(17.8)	7.4	15.3	(15.4)	
Total Doctorates (including J.D.s, M.D.s & D.s Pharm.) conferred in Utah	785	831	725	727	824	743	4,635
Percent increase over previous year	9.9	5.9	(12.8)	.3	13.3	(9.8)	

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[a] The U. of U. College of Pharmacy began awarding first professional D. Pharm. degrees with the 1976-77 academic year.

Sources: HEGIS Reports, 1975-76 through 1980-81.

TABLE 9A
Utah System of Higher Education
Master's Degrees Conferred 1980-81
By Sex of Student and General Area of Study

Area of Study	U OF U M	U OF U W	USU M	USU W	WSC M	WSC W	TOTAL PUBLIC M	TOTAL PUBLIC W	BYU M	BYU W	WEST-MINSTER M	WEST-MINSTER W	TOTAL PRIVATE M	TOTAL PRIVATE W	TOTAL PUBLIC & PRIVATE M	TOTAL PUBLIC & PRIVATE W
Agriculture & Natural Resources			38	15			38	15	24	3			24	3	62	18
Non-resident alein			8				8		2				2		10	
Black, non-Hispanic			1				1								1	
American Indian or Alaskan Native																
Asian or Pacific Islander																
Hispanic																
White, non-Hispanic			28	15			28	15	22	3			22	3	50	18
Other or no response			1				1								1	
Architecture & Environmental Design	21	1	3	2			24	3							24	3
Non-resident alien				1				1								1
Black, non-Hispanic																
American Indian or Alaskan Native																
Asian or Pacific Islander																
Hispanic																
White, non-Hispanic	21	1	3	1			24	2							24	2
Other or no response																
Area Studies	2	1					2	1	4	2			4	2	6	3
Non-resident alien		1						1	1	2			1	2	1	3
Black, non-Hispanic																
American Indian or Alaskan Native																
Asian or Pacific Islander																
Hispanic																
White, non-Hispanic	2						2		3				3		5	
Other or no response																

TABLE 9A (cont.)

Area of Study	U OF U		USU		WSC		TOTAL PUBLIC		BYU		WEST-MINSTER		TOTAL PRIVATE		TOTAL PUBLIC & PRIVATE	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Biological Sciences	8	3	12	4			20	7	34	11			34	11	54	18
Non-resident alien			2				2			1				1	2	1
Black, non-Hispanic																
American Indian or Alaskan Native																
Asian or Pacific Islander																
Hispanic																
White, non-Hispanic	8	3	10	4			18	7	34	10			34	10	52	17
Other or no response																
Business & Management	223	52	43	6			266	58	171	21			171	21	437	79
Non-resident alien	15	1	5	3			20	4	9	1			9	1	29	5
Black, non-Hispanic	4	4					4	4							4	4
American Indian or Alaskan Native																
Asian or Pacific Islander	1	1	1				2	1	2				2		4	1
Hispanic																
White, non-Hispanic	203	46	35	3			238	49	160	20			160	20	398	69
Other or no response			2				2								2	
Communications	5	1	3				8	1	17	3			17	3	25	4
Non-resident alien			1				1			1				1	1	1
Black, non-Hispanic	1						1								1	
American Indian or Alaskan Native																
Asian or Pacific Islander																
Hispanic																
White, non-Hispanic	4	1	2				6	1	17	2			17	2	23	3
Other or no response																

TABLE 9A (cont.)

Area of Study	U OF U		USU		WSC		TOTAL PUBLIC		BYU		WEST-MINSTER		TOTAL PRIVATE		TOTAL PUBLIC & PRIVATE	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Computer & Information Sciences	16	3					16	3	8				8		24	3
Non-resident alien	1						1		1				1		2	
Black, non-Hispanic																
American Indian or Alaskan Native																
Asian or Pacific Islander																
Hispanic																
White, non-Hispanic	15	3					15	3	7				7		22	3
Other or no response																
Education	47	105	77	87	18	26	142	218	158	100	5	12	163	112	305	330
Non-resident alien	1	3	3	1			4	4	6	5			6	5	10	9
Black, non-Hispanic	1	1					1	1							1	1
American Indian or Alaskan Native	1	1					1	1		1				1	1	2
Asian or Pacific Islander	3	1		2			3	3	5	2			5	2	8	5
Hispanic	2	3					2	3							2	3
White, non-Hispanic	39	96	73	83	18	26	130	205	147	92	5	12	152	104	282	309
Other or no response			1	1			1	1							1	1
Engineering	53[b]	7	55	2			108	9	81	1			81	1	189	10
Non-resident alien	16	3	22				38	3	8				8		46	3
Black, non-Hispanic																
American Indian or Alaskan Native																
Asian or Pacific Islander	1	1					1	1							1	1
Hispanic																
White, non-Hispanic	36[b]	3	32	2			68	5	73	1			73	1	141	6
Other or no response			1				1								1	

[b] Includes one Master of Philosophy degree awarded in Electrical Engineering.

TABLE 9A (cont.)

Area of Study	U OF U M	 W	USU M	 W	WSC M	 W	TOTAL PUBLIC M	 W	BYU M	 W	WEST-MINSTER M	 W	TOTAL PRIVATE M	 W	TOTAL PUBLIC & PRIVATE M	 W
Fine & Applied Arts	18	15	3	8			21	23	17	15			17	15	38	38
Non-resident alien				1				1	2	3			2	3	2	4
Black, non-Hispanic		1						1								1
American Indian or Alaskan Native																
Asian or Pacific Islander				1				1								1
Hispanic																
White, non-Hispanic	18	14	3	6			21	20	15	12			15	12	36	32
Other or no response																
Foreign Languages	9[c]	4					9	4	6	4			6	4	15	8
Non-resident alien	2[c]						2			3				3	2	3
Black, non-Hispanic																
American Indian or Alaskan Native																
Asian or Pacific Islander																
Hispanic	1						1								1	
White, non-Hispanic	6	4					6	4	6	1			6	1	12	5
Other or no response																
Health Professions	16	52	3	12			19	64	9	10			9	10	28	74
Non-resident alien									1				1		1	
Black, non-Hispanic																
American Indian or Alaskan Native																
Asian or Pacific Islander																
Hispanic																
White, non-Hispanic	16	52	3	12			19	64	8	10			8	10	27	74
Other or no response																

[c] Includes one Master of Philosophy degree awarded in Persian.

TABLE 9A (cont.)

Area of Study	U OF U		USU		WSC		TOTAL PUBLIC		BYU		WEST-MINSTER		TOTAL PRIVATE		TOTAL PUBLIC & PRIVATE	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Home Economics	2	7	3	12			5	19	6	6			6	6	11	25
Non-resident alien	1						1			1				1	1	1
Black, non-Hispanic																
American Indian or Alaskan Native																
Asian or Pacific Islander		1						1								1
Hispanic																
White, non-Hispanic	1	6	3	12			4	18	6	5			6	5	10	23
Other or no response																
Letters	15	23	1	3			16	26	33	15			33	15	49	41
Non-resident alien	1	1					1	1	6	3			6	3	7	4
Black, non-Hispanic																
American Indian or Alaskan Native																
Asian or Pacific Islander																
Hispanic																
White, non-Hispanic	14	22	1	3			15	25	27	12			27	12	42	37
Other or no response																
Library Science									10	19			10	19	10	19
Non-resident alien										3				3		3
Black, non-Hispanic																
American Indian or Alaskan Native																
Asian or Pacific Islander																
Hispanic																
White, non-Hispanic									10	16			10	16	10	16
Other or no response																

TABLE 9A (cont.)

Area of Study	U OF U		USU		WSC		TOTAL PUBLIC		BYU		WEST-MINSTER		TOTAL PRIVATE		TOTAL PUBLIC & PRIVATE	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Mathematics	4	1	2	2			6	3	12				12		18	3
Non-resident alien	1	1	2	2			3	3	1				1		4	3
Black, non-Hispanic																
American Indian or Alaskan Native																
Asian or Pacific Islander																
Hispanic																
White, non-Hispanic	3						3		11				11		14	
Other or no response																
Physical Sciences	32	11	8	1			40	12	18	1			18	1	58	13
Non-resident alien	7	1	2				9	1							9	1
Black, non-Hispanic																
American Indian or Alaskan Native																
Asian or Pacific Islander		1						1								1
Hispanic	1						1								1	
White, non-Hispanic	24	9	6	1			30	10	18	1			18	1	48	11
Other or no response																
Psychology	9	9	4				13	9	1	2			1	2	14	11
Non-resident alien	1	1					1	1							1	1
Black, non-Hispanic																
American Indian or Alaskan Native																
Asian or Pacific Islander																
Hispanic																
White, non-Hispanic	8	8	4				12	8	1	2			1	2	13	10
Other or no response																

TABLE 9A (cont.)

Area of Study	U OF U		USU		WSC		TOTAL PUBLIC		BYU		WEST-MINSTER		TOTAL PRIVATE		TOTAL PUBLIC & PRIVATE	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Public Affairs & Services	62	65					62	65	93	11			93	11	155	76
Non-resident alien	1						1		4				4		5	
Black, non-Hispanic	1						1								1	
American Indian or Alaskan Native									2				2		2	
Asian or Pacific Islander									1				1		1	
Hispanic		1						1								1
White, non-Hispanic	60	64					60	64	86	11			86	11	146	75
Other or no response																
Social Sciences	15	11	15	7			30	18	32	1			32	1	62	19
Non-resident alien	2	2	7				9	2	6	1			6	1	15	3
Black, non-Hispanic																
American Indian or Alaskan Native																
Asian or Pacific Islander																
Hispanic																
White, non-Hispanic	13	9	8	7			21	16	26				26		47	16
Other or no response																
Theology																
Non-resident alien																
Black, non-Hispanic																
American Indian or Alaskan Native																
Asian or Pacific Islander																
Hispanic																
White, non-Hispanic																
Other or no response																

TABLE 9A (cont.)

Area of Study	U OF U M	 W	USU M	 W	WSC M	 W	TOTAL PUBLIC M	 W	BYU M	 W	WEST-MINSTER M	 W	TOTAL PRIVATE M	 W	TOTAL PUBLIC & PRIVATE M	 W
Interdisciplinary Studies																
Non-resident alien																
Black, non-Hispanic																
American Indian or Alaskan Native																
Asian or Pacific Islander																
Hispanic																
White, non-Hispanic																
Other or no response																
Totals	557	371	270	161	18	26	845	558	734	225	5	12	739	237	1,584	795
	928		431		44		1,403		959		17		976		2,379	
Percentage of Total Degrees	39.0		18.1		1.9		59.0		40.3		.7		41.0		100.0	
Total non-resident alien	49	14	52	8	-	-	101	22	47	24	-	-	47	24	148	46
Percent of Each Institution's Total Degrees, by sex	8.8	3.8	19.3	5.0	-	-	12.0	3.9	6.4	10.7	-	-	6.3	10.1	9.3	5.8
Total Black, non-Hispanic	7	6	1	-	-	-	8	6	-	-	-	-	-	-	8	6
Percent of Each Institution's Total Degrees, by sex	1.3	1.6	.4	-	-	-	.9	1.1	-	-	-	-	-	-	.5	.8
Total American Indian or Alaskan Native	1	1	-	-	-	-	1	1	2	1	-	-	2	1	3	2
Percent of Each Institution's Total Degrees, by sex	.2	.3	-	-	-	-	.1	.2	.3	.4	-	-	.3	.4	.2	.2
Total Asian or Pacific Islander	5	5	1	3	-	-	6	8	8	2	-	-	8	2	14	10
Percent of Each Institution's Total Degrees, by sex	.9	1.3	.4	1.9	-	-	.7	1.4	1.1	.9	-	-	1.1	.9	.9	1.3

TABLE 9A (cont.)

Area of Study	U OF U		USU		WSC		TOTAL PUBLIC		BYU		WEST-MINSTER		TOTAL PRIVATE		TOTAL PUBLIC & PRIVATE	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Total Hispanic	4	4	-	-	-	-	4	4	-	-	-	-	-	-	4	4
Percent of Each Institution's Total Degrees, by sex	.7	1.1	-	-	-	-	.5	.7	-	-	-	-	-	-	.3	.5
Total White, non-Hispanic	491	341	211	149	18	26	720	516	677	198	5	12	682	210	1,402	726
Percent of Each Institution's Total Degrees, by sex	88.1	91.9	78.1	92.5	100.0	100.0	85.2	92.5	92.2	88.0	100.0	100.0	92.3	88.6	88.5	91.3
Total Other or No response	-	-	5	1	-	-	5	1	-	-	-	-	-	-	5	1
Percent of Each Institution's Total Degrees, by sex	-	-	1.8	.6	-	-	.6	.2	-	-	-	-	-	-	.3	.1

Source: HEGIS Reports, 1980-81

TABLE 9B
Utah System of Higher Education
Doctor's Degrees Conferred 1980-81
By Sex of Student and General Area of Study

	U of U		USU		Total Public		BYU		Total Public & Private	
	M	W	M	W	M	W	M	W	M	W
Agriculture & Natural Resources			18	1	18	1	1		19	1
Non-resident alien			7	1	7	1			7	1
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander			1		1				1	
Hispanic										
White, non-Hispanic			9		9		1		10	
Other or no response			1		1				1	
Agricultural & Environmental Design										
Non-resident alien										
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic										
Other or no response										
Area Studies										
Non-resident alien										
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic										
Other or no response										

TABLE 9B (cont.)

	U of U		USU		Total Public		BYU		Total Public & Private	
	M	W	M	W	M	W	M	W	M	W
Biological Sciences	15	5	8	1	23	6	5	3	28	9
Non-resident alien	3		1	1	4	1		1	4	2
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander	2				2				2	
Hispanic										
White, non-Hispanic	10	5	7		17	5	5	2	22	7
Other or no response										
Business & Management	6				6				6	
Non-resident alien	1				1				1	
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic	5				5				5	
Other or no response										
Communications	2	1			2	1			2	1
Non-resident alien										
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic	2	1			2	1			2	1
Other or no response										

TABLE 9B (cont.)

	U of U		USU		Total Public		BYU		Total Public & Private	
	M	W	M	W	M	W	M	W	M	W
Computer & Information Sciences	2				2				2	
Non-resident alien										
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic	2				2				2	
Other or no response										
Education	23	24	2	3	25	27	36	22	81	49
Non-resident alien	3				3		9	1	12	1
Black, non-Hispanic										
American Indian or Alaskan Native							1		1	
Asian or Pacific Islander	1				1		1		2	
Hispanic	1	2			1	2			1	2
White, non-Hispanic	18	22	2	3	20	25	45	21	65	46
Other or no response										
Engineering	11	2	9		20	2	7		27	2
Non-resident alien	8	1	3		11	1			11	1
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander	1				1				1	
Hispanic										
White, non-Hispanic	2	1	5		7	1	7	1	14	1
Other or no response			1		1				1	
Fine & Applied Arts	1				1		2		3	
Non-resident alien										
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic	1				1		2		3	
Other or no response										

TABLE 9B (cont.)

	U of U		USU		Total Public		BYU		Total Public & Private	
	M	W	M	W	M	W	M	W	M	W
Foreign Languages	4	1			4	1	1	2	5	3
Non-resident alien	1				1				1	
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic	3	1			3	1	1	2	4	3
Other or no response										
Health Professions	6	1			6	1			6	1
Non-resident alien										
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic	6	1			6	1			6	1
Other or no response										
Home Economics							5	2	5	2
Non-resident alien										
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic							5	2	5	2
Other or no response										
Letters	7	3			7	3	1	1	8	4
Non-resident alien							1	1	1	1
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic	7	3			7	3			7	3
Other or no response										

TABLE 9B (cont.)

	U of U		USU		Total Public		BYU		Total Public & Private	
	M	W	M	W	M	W	M	W	M	W
Library Science										
Non-resident alien										
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic										
Other or no response										
Mathematics	3				3				3	
Non-resident alien										
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic	3				3				3	
Other or no response										
Physical Sciences	28	2	1		29	2	4		33	2
Non-resident alien	12	1			12	1			12	1
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic	16	1	1		17	1	4		21	1
Other or no response										
Psychology	7	4	10	1	17	5	11		28	5
Non-resident alien										
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander										
Hispanic	1				1				1	
White, non-Hispanic	6	4	10	1	16	5	11		27	5
Other or no response										

TABLE 9B (cont.)

	U of U		USU		Total Public		BYU		Total Public & Private	
	M	W	M	W	M	W	M	W	M	W
Public Affairs & Services	11	9			11	9			11	9
Non-resident alien										
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic	11	9			11	9			11	9
Other or no response										
Social Sciences	15		6	3	21	3	4		25	3
Non-resident alien	1		5	2	6	2			6	2
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic	14		1	1	15	1	4		19	1
Other or no response										
Theology										
Non-resident alien										
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic										
Other or no response										

TABLE 9B (cont.)

	U of U		USU		Total Public		BYU		Total Public & Private	
	M	W	M	W	M	W	M	W	M	W
Interdisciplinary Studies										
Non-resident alien										
Black, non-Hispanic										
American Indian or Alaskan Native										
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic										
Other or no response										
Total	141	52	54	9	195	61	97	30	292	91
	193		63		256		127		383	
Percent of Total Degrees	50.4		16.4		66.8		33.2		100.0	
Total Non-resident alien	29	2	16	4	45	6	10	3	55	9
Percent of Each Institution's Total Degrees, by sex	20.6	3.9	29.6	46.4	23.1	9.8	10.3	10.0	18.8	9.9
Total Black, non-Hispanic	-	-	-	-	-	-	-	-	-	-
Percent of Each Institution's Total Degrees, by sex	-	-	-	-	-	-	-	-	-	-
Total American Indian or Alaskan Native	-	-	-	-	-	-	1	-	1	-
Percent of Each Institution's Total Degrees, by sex	-	-	-	-	-	-	1.0	-	.3	-
Total Asian or Pacific Islander	4	-	1	-	5	-	1	-	6	-
Percent of Each Institution's Total Degrees, by sex	2.8	-	1.9	-	2.6	-	1.0	-	2.1	-

TABLE 9B (cont.)

	U of U		USU		Total Public		BYU		Total Public & Private	
	M	W	M	W	M	W	M	W	M	W
Total Hispanic	2	2	-	-	2	2	-	-	2	2
Percent of Each Institution's Total Degrees, by sex	1.4	3.9	-	-	1.0	3.3	-	-	.7	2.2
Total White, non-Hispanic	106	48	35	5	141	53	85	27	226	80
Percent of Each Institution's Total Degrees, by sex	75.2	92.2	64.8	55.6	72.3	86.9	87.7	30.0	77.4	87.9
Total Other or no response	-	-	2	-	2	-	-	-	2	-
Percent of Each Institution's Total Degrees, by sex	-	-	3.7	-	1.0	-	-	-	.7	-

Source: HEGIS Reports, 1980-81.

TABLE 10A
Utah System of Higher Education
Doctorates* Conferred Public Institutions, by Area of Study 1976-77 Through 1980-81

Area of Study	Public Institutions 1976-77	1977-78	1978-79	1979-80	1980-81	5-yr. Total
Agriculture & Natural Resources	13	18	18	15	19	83
Biological Sciences	35	28	36	40	29	168
Business & Management	3	4	5	4	6	22
Communications	6	2	6	4	3	21
Computer & Information Sciences	2	5	5	3	2	17
Education	99	88	51	78	52	368
Engineering	21	25	29	32	22	129
Fine & Applied Arts	4	1	1	5	1	12
Foreign Language	1	6	2	5	5	19
Health Professions	2	5	--	6	7	20
Home Economics	--	1	--	--	--	1
Letters	9	2	3	6	10	30
Mathematics	8	3	6	5	3	25
Physical Sciences	33	31	19	32	31	146
Psychology	15	8	25	21	22	91
Public Affairs & Services	15	10	12	12	20	69
Social Sciences	21	11	22	27	24	105
Interdisciplinary	--	--	--	--	--	--
Total	287	248	240	295	256	1,326
Percent Increase over Previous Year	1.8	(13.6)	(3.2)	(22.9)	(13.2)	

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*Excludes first professional degrees

Source: HEGIS Reports: 1967-77 Through 1980-81.

TABLE 10B
Utah System of Higher Education
Doctorates* Conferred Private Institutions, by Area of Study 1976-77 Through 1980-81

	Private Institutions							
Area of Study	1976-77	1977-78	1978-79	1979-80	1980-81	5-Yr. Total	Public & Private 5-Yr. Total	Percent of Total
Agriculture 7 Natural Resources	--	--	1	--	1	2	85	4.2
Biological Sciences	9	9	4	8	8	38	206	10.1
Business & Management	--	--	--	--	--	--	22	1.1
Communications	--	--	--	--	--	--	21	1.0
Computer & Information Sciences	--	--	--	--	--	--	17	.8
Education	110	81	107	110	78	486	854	41.9
Engineering	1	5	6	6	7	25	154	7.5
Fine & Applied Arts	3	1	1	4	2	11	23	1.1
Foreign Language	--	2	1	1	3	7	26	1.3
Health Professions	--	--	--	--	--	--	20	1.0
Home Economics	5	5	10	9	7	36	37	1.8
Letters	4	--	1	1	2	8	38	1.9
Mathematics	--	--	--	--	--	--	25	1.2
Physical Sciences	6	8	5	6	4	29	175	8.6
Psychology	11	3	14	11	11	50	141	6.9
Public Affairs & Services	--	--	--	--	--	--	69	3.4
Social Sciences	7	4	2	2	4	19	124	6.1
Interdisciplinary	2	--	1	--	--	3	3	.1
Total	158	118	153	158	127	714	2,040	100.0
Percent Increase over Previous Year	26.4	(25.3)	29.7	3.3	(19.6)			

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*Excludes first professional degrees

Sources: HEGIS Reports: 1976-77 Through 1980-81

TABLE 11
Utah System of Higher Education
First Professional Degrees Conferred by Institution and Field of Study
1976-77 Through 1980-81

Institution and Field of Study	1976-77	1977-78	1978-79	1979-80	1980-81	5-Yr. Totals	Percentage of Total Degrees
Public							
University of Utah							
Law (J.D. degrees)	134	125	113	137	114	623	34.4
Medicine (M.D. degrees)	98	100	102	99	98	497	27.5
Pharmacy (D.Pharm. degrees)	3	1	2	7	7	20	1.1
Total Public	235	226	217	243	219	1,140	63.0
Percentage Increase over Previous Year	.4	(3.8)	(4.0)	12.0	(9.9)		
Private							
Brigham Young University							
Law (J.D. degrees)	151	133	117	128	141	670	37.0
Tota Private	151	133	117	128	141	670	37.0
Percentage Increase over Previous Year	4.9	(11.9)	(12.0)	9.4	10.2		
Total Public & Private	386	359	334	371	360	1,810	100.0
Percentage increase over previous year	2.1	(7.0)	(7.0)	(11.1)	(3.0)		

Sources: HEGIS Reports 1976-77 through 1980-81

TABLE 12
Utah System of Higher Education
First Professional Degrees Conferred, Public and Private Institutions, 1980-81, by Field of Study and Sex

Field of Study	U of U M	U of U W	BYU M	BYU W	Total Public and Private M	Total Public and Private W
Law (J.D. degrees)	91	23	123	18	214	41
Non-resident alien			2	1	2	1
Black, non-Hispanic	1				1	
American Indian or Alaskan Native						
Asian or Pacific Islander			3		3	
Hispanic						
White, non-Hispanic	90	23	118	17	208	40
Medicine (M.D. degrees)	84	14			84	14
Non-resident alien	1					1
Black, non-Hispanic		1				1
American Indian or Alaskan Native						
Asian or Pacific Islander	1				1	
Hispanic	4	1			4	1
White, non-Hispanic	78	12			78	12
Pharmacy (D.Pharm. degrees)	3	4			3	4
Non-resident alien		1				1
Black, non-Hispanic						
American Indian or Alaskan Native						
Asian or Pacific Islander						
Hispanic						
White, non-Hispanic	3	3			3	3
Total	178	41	123	18	301	59
	219		141		360	
Percent of Total First Professional Degrees	60.8		39.2		100.0	
Total Non-resident alien	1	1	2	1	3	2
Percent of Each Institution's Total Degrees, by Sex	.6	2.4	1.6	5.6	1.0	3.4
Total Black, non-Hispanic	1	1	--	--	1	1
Percent of Each Institution's Total Degrees, by Sex	.6	2.4	--	--	.3	1.7
Total American Indian or Alaskan Native	--	--	--	--	--	--
Percent of Each Institution's Total Degrees, by Sex	--	--	--	--	--	--

TABLE 12 (cont.)

Field of Study	U of U		BYU		Total Public and Private	
	M	W	M	W	M	W
Total Asian or Pacific Islander	1	--	3	--	4	--
Percent of Each Institution's Total Degrees, by Sex	.6	--	2.5	--	1.3	--
Total Hispanic	4	1	--	--	4	1
Percent of Each Institution's Total Degrees, by Sex	2.2	2.4	--	--	1.3	1.7
Total White, non-Hispanic	171	38	118	17	289	55
Percent of Each Institution's Total Degrees, by Sex	96.0	92.8	95.9	94.4	96.1	93.2

Sources: HEGIS Reports 1980-81.

TABLE 13
Utah System of Higher Education
Total Yearly Doctorates Conferred Public and Private Institutions, 1976-77 Through 1980-81 by Area of Study

Area of Study	1976-77 (1)	1977-78 (2)	1978-79 (3)	1979-80 (4)	1980-81 (5)
Agriculture & Natural Resources	13	18	19	15	20
Biological Sciences	44	37	40	48	37
Business & Management	3	4	5	4	6
Communications	6	2	6	4	3
Computer & Information Sciences	2	5	5	3	2
Education	209	169	158	188	130
Engineering	22	30	35	38	29
Fine & Applied Arts	7	2	2	9	3
Foreign Languages	1	8	3	6	8
Health Professions[a]	2	5	--	6	7
Home Economics	5	6	10	9	7
Letters	13	2	4	7	12
Library Science	--	--	--	--	--
Mathematics	8	3	6	5	3
Physical Science	39	39	24	38	35
Psychology	26	11	39	32	33
Public Affairs & Services	15	10	12	12	20
Social Sciences	28	15	24	29	28
Theology	--	--	--	--	--
Interdisciplinary Studies	2	--	1	--	--
Total	445	366	393	453	383

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[a] Does not include first professional degrees.

Sources: HEGIS Reports, 1976-77 through 1980-81.

TABLE 14
Utah System of Higher Education
Total Master's and Doctor's Degrees Awarded in 1980-81
By Major Field of Study and Sex

	Master's														Doctor's[a]									
	U of U		USU		WSC		Total Public		BYU		West-minster		Total		U of U		USU		Total Public		BYU		Total	
Major Field of Study	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Agriculture & Natural Resources																								
Agriculture Economics			6				6		14				20											
Agronomy										1				1										
Natural Resources Management			2				2						2				1		1				1	
Plant Science			5				5						5				1	1	1	1			1	1
Soils Science			5	1			5	1	2				7	1			2		2				2	
Animal Science			2	2			2	2					2	2			3		3				3	
Fish, Game & Wildlife Management			3	1			3	1					3	1			3		3				3	
Forestry			1	1			1	1					1	1										
Range Management			6	1			6	1	6				12	1			5		5		1		6	
Food Science & Technology			4	8			4	8	2	1			6	9			3		3				3	
Outdoor Recreation			4	1			4	1					4	1										
Horticulture										1				1										
Architecture & Environmental Design																								
Architecture	21	1					21	1					21	1										
Landscape Architecture			3	2			3	2					3	2										
City, Community & regional Planning																								
Area Studies																								
Latin American Studies									3				3											
Asian Studies, General									1	2			1	2										
Middle Eastern Studies	2	1					2	1					2	1										
Biological Sciences																								
Biology, General	3	2	4	4			7	6					7	6	6	2	7	1	13	3			13	3
Botany, General									7	1			7	1							1	2	1	2

TABLE 14 (cont.)

Major Field of Study	Master's U of U M	Master's U of U W	Master's USU M	Master's USU W	Master's WSC M	Master's WSC W	Master's Total Public M	Master's Total Public W	Master's BYU M	Master's BYU W	Master's West-minster M	Master's West-minster W	Master's Total M	Master's Total W	Doctor's[a] U of U M	Doctor's[a] U of U W	Doctor's[a] USU M	Doctor's[a] USU W	Doctor's[a] Total Public M	Doctor's[a] Total Public W	Doctor's[a] BYU M	Doctor's[a] BYU W	Doctor's[a] Total M	Doctor's[a] Total W
Bacteriology																								
Plant Pathology																								
Zoology, General									17	6			17	6							4	1	4	1
Pharmacology, Human & Animal															4				4				4	
Microbiology									7				7		1	1			1	1			1	1
Anatomy																								
Biochemistry			2				2						2		2				2				2	
Biophysics	2	1					2	1					2	1	1	1			1	1			1	1
Entomology									3				3											
Nutrition, Scientific										4				4										
Toxicology			6				6						6				1		1				1	
Medicinal Chemistry																								
Pathology, Human and Animal															1	1			1	1			1	1
Physiology, Human and Animal																								
Plant Physiology																								
Anesthesiology																								
Biometrics & Biostatistics	3						3						3											
Business & Management																								
Business & Management, General			4	3			4	3					4	3										
Accounting	8		39	3			47	3	61	4			108	7										
Business Management & Administration	164	26					164	26	94	7			258	33	6				6				6	
Labor & Industrial Relations																								
Business Economics																								
Personnel Management	49	26					49	26					49	26										
Organizational Behavior																								
Business Statistics	1						1						1											
Banking & Finance	1						1						1											
Business & Commerce									16	10			16	10										

TABLE 14 (cont.)

Major Field of Study	Master's														Doctor's[a]									
	U of U		USU		WSC		Total Public		BYU		Westminster		Total		U of U		USU		Total Public		BYU		Total	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Communications																								
Communications, General			3				3		17	3			20	3	2	1			2	1			2	1
Journalism	5	1					5	1					5	1										
Computer & Information Sciences																								
Computer & Information Sciences, General	16	3					16	3	8				24	3	2				2				2	
Education																								
Education, General	6	25					6	25	6	4	5	12	17	41							7		7	
Elementary Education, General		1	16	36	8	20	24	57					24	57							1	2	1	2
Higher Education, General			27	23			27	23					27	23							1		1	
Secondary Education, General					10	6	10	6	2				12	6							5		5	
Junior & Community College									31	11			31	11							2		2	
Bioagricultural Education																								
Special Education, General	3	37	5	12			8	49	4	14			12	63			1		1		1	4	2	4
Speech Correction																								
Special Learning Disabilities																								
Social Foundations	6						6						6		1				1				1	
Educational Psychology	15	14					15	14	21	17			36	31	11	8			11	8	4	5	15	13
Educational Administration		5						5	51	16			51	21	1	6			1	6	21	3	22	9
Curriculum & Instruction									17	16			17	16			1	3	1	3	4	5	5	8
Reading Education										9				9										
Music Education										1				1										
Physical Education	8	7	1	2			9	9	10	4			19	13	9	5			9	5	7	2	16	7
Agricultural Education			1				1						1											
Education of Exceptional Children, not classified above																								
Student Personnel									10	5			10	5							3	1	3	1
Administration of Special Education																								
Education of Mentally Retarded																								

TABLE 14 (cont.)

Major Field of Study	Master's														Doctor's[a]									
	U of U		USU		WSC		Total Public		BYU		West-minster		Total		U of U		USU		Total Public		BYU		Total	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Mathematics Education																								
Educational Supervision										1				1										
Instruction Services																								
Public School Administration																								
Health Education	3	5					3	5	1	1			4	6	1	5			1	5			1	5
Business, Commerce & Distributive Education			2	1			2	1	1	1			3	2										
Industrial Arts, Vocational & Technical Education			3	1			3	1	4				7	1										
Home Economics Education																								
Educational Media																								
Recreation Education																								
Instructional Technology			22	12			22	12					22	12										
Counseling & Guidance																								
Community School Leadership																								
Curriculum Development & Supervision																								
Educational Systems - Learning Resources	5	9					5	9					5	9										
Science Education	1	2					1	2					1	2										
Engineering																								
Engineering, General			51	2			51	2					51	2			9		9				9	
Agricultural Engineering			1				1						1											
Bioengineering & Biomedical Engineering	5	1					5	1					5	1	2				2				2	
Chemical Engineering	8						8		9				17		1	1			1	1	5		6	1
Civil, Construction, and Transportation Engineering	5	2	3				8	2	23	1			31	3	1				1				1	
Electrical, Electronics, and Communications Engineering	6[b]						6		32				38			1				1	2		2	1

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[b] Includes one Master of Philosophy degree in Electrical Engineering

TABLE 14 (cont.)

Major Field of Study	Master's U of U M	 W	 USU M	 W	 WSC M	 W	Total Public M	 W	 BYU M	 W	West- minster M	 W	 Total M	 W	Doctor's[a] U of U M	 W	 USU M	 W	Total Public M	 W	 BYU M	 W	 Total M	 W
Mechanical Engineering	3	1					3	1	17				20	1	2				2				2	
Geological Engineering																								
Industrial & Management Engineering	16	1					16	1					16	1										
Materials Engineering	6	1					6	1					6	1	2				2				2	
Mining & Mineral Engineering	2						2						2											
Engineering Mechanics																								
Petroleum Engineering	1	1					1	1					1	1	3				3				3	
Ceramic Engineering																								
Nuclear Engineering																								
Engineering Administration																								
Environmental & Sanitary Engineering																								
Manufacturing Engineering																								
Fuels Engineering																								
Soil Mechanics & Foundation Engineering																								
Stratigraphy & Sedimentation																								
Structural Engineering																								
Engineering Technologies																								
Metallurgical Engineering	1						1						1											
Fine & Applied Arts																								
Art (Painting, Drawing & Sculpture)	3	2	3	7			6	9	2	1			8	10										
Music (Performing, Composition, Theory)	2	3					2	3	6	6			8	9	1				1		2		3	
Music (Liberal Arts Program)																								
Music History & Appreciation (Musicology)																								
Dramatic Arts	12	4		1			12	5	3	2			15	7										
Dance	1	6					1	6	4	5			5	11										

TABLE 14 (cont.)

	Master's														Doctor's[a]									
	U of U		USU		WSC		Total Public		BYU		Westminster		Total		U of U		USU		Total Public		BYU		Total	
Major Field of Study	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Applied Design									2	1			2	1										
Interpretation																								
Design																								
Foreign Languages																								
French	3						3			4			3	4	1	1			1	1		1	1	2
German		2						2	2				2	2	1				1		1		2	
Spanish	1	1					1	1	4				5	1	1				1			1	1	1
Latin																								
Arabic	3						3						3											
Persian	1[c]						1[c]						1[c]		1				1				1	
Turkish																								
Russian		1						1						1										
Greek Classical																								
Portuguese																								
Hebrew	1						1						1											
Health Professions, General																								
Health Professions, General																								
Nursing (Baccalaureate & Higher Programs)	5	36					5	36					5	36		1				1				1
Pharmacy	2	1					2	1					2	1	4				4				4	
Public Health	9	2					9	2	6				15	2										
Veterinary Medicine Specialties (Work Beyong First Professional degree, DVM)																								
Speech Pathology & Audiology		10	3	12			3	22	1	9			4	3	2				2				2	
Hospital Pharmacy																								
Pharmacy Administration																								
Medicinal Chemistry																								
Medical Laboratory Technologies		3						3						3										

[c] Represents a Master of Philosophy degree.

TABLE 14 (cont.)

Major Field of Study	Master's U of U		Master's USU		Master's WSC		Master's Total Public		Master's BYU		Master's Westminster		Master's Total		Doctor's[a] U of U		Doctor's[a] USU		Doctor's[a] Total Public		Doctor's[a] BYU		Doctor's[a] Total	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Anesthesiology																								
Hospital & Health Care Administration									2	1			2	1										
Home Economics																								
Home Economics, General										1				1										
Clothing & Textiles																								
Consumer Economics & Home Management				8				8						8										
Foods & Nutrition	2	7					2	7					2	7										
Family Relations & Child Development			3	4			3	4	6	5			9	9							5	2	5	2
Letters																								
English, General	11	20	1	3			12	23	6				18	23	6	3			6	3	1		7	3
Literature, English									6	2			6	2								1		1
Comparative Literature															1				1				1	
Linguistics	2	2					2	2	5				7	2										
Speech, Debate & Forensic Science	1	1					1	1					1	1										
Philosophy	1						1						1											
Literature, American																								
Teaching of English as a Foreign Language									15	13			15	13										
Classics									1				1											
Library Science																								
Library Science, General									10	19			10	19										
Instructional Media																								
Mathematics																								
Mathematics, General	4	1		2			4	3	6				10	3	3				3				3	
Statistics, Mathematical & Theoretical			2				2		6				8											

TABLE 14 (cont.)

Major Field of Study	Master's U of U M	Master's U of U W	Master's USU M	Master's USU W	Master's WSC M	Master's WSC W	Master's Total Public M	Master's Total Public W	Master's BYU M	Master's BYU W	Master's Westminster M	Master's Westminster W	Master's Total M	Master's Total W	Doctor's[a] U of U M	Doctor's[a] U of U W	Doctor's[a] USU M	Doctor's[a] USU W	Doctor's[a] Total Public M	Doctor's[a] Total Public W	Doctor's[a] BYU M	Doctor's[a] BYU W	Doctor's[a] Total M	Doctor's[a] Total W
Physical Sciences																								
Physical Sciences, General																								
Physics, General	5	1	4				9	1	3				12	1	3				3		1		4	
Nuclear Physics																								
Chemistry, General	4	2	2				6	2	3	1			9	3	13		1		14		3		17	
Inorganic Chemistry																								
Organic Chemistry																								
Analytical Chemistry																								
Atmospheric Sciences & Meteorology	7						7						7		2				2				2	
Geology	3	3	2	1			5	4	12				17	4	1	1			1	1			1	1
Geophysics & Seismology	8	4					8	4					8	4	2				2				2	
Geochemistry																								
Metallurgy	5	1					5	1					5	1	7	1			7	1			7	1
Mineralogy																								
Acoustics																								
Astrophysics																								
Solid State Physics																								
Space Physics																								
Space & Planetary Physics																								
Earth Sciences, General																								
Molecular Physics																								
Psychology																								
Psychology, General	9	9	4				13	9		2			13	11	7	4	10	1	17	5	6		23	5
Clinical Psychology																					4		4	
Psychology for Counseling (Psychology Majors Only)																								
Social Psychology																								
Experimental Psychology																					1		1	
Developmental Psychology									1				1											

TABLE 14 (cont.)

	Master's														Doctor's[a]									
	U of U		USU		WSC		Total Public		BYU		Westminster		Total		U of U		USU		Total Public		BYU		Total	
Major Field of Study	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Public Affairs & Services																								
Public Administration	4	1					4	1	77	4			81	5										
Social Work & Helping Services	54	60					54	60					54	60	10	6			10	6			10	6
Community Services, General																								
Parks & Recreation Management	4	4					4	4	16	7			20	11	1	3			1	3			1	3
Social Sciences																								
Social Sciences, General			2	2			2	2					2	2										
Anthropology	1	4					1	4	5				6	4	1				1				1	
Economics	3	2	5				8	2	5				13	2	6		2		8				8	
History	3	3	2	2			5	5	4				9	5	3				3		3		6	
Geography	6	1					6	1	5	1			11	2	2				2				2	
Political Sciences & Government		1	3	1			3	2	7				10	2										
Sociology	2		3	2			5	2	3				8	2	3		4	3	7	3	1		8	3
Archaeology																								
International Relations									3				3											
Theology																								
Religious Education																								
Ancient Scripture																								
Church History & Doctrine																								
Interdisciplinary Studies																								
Humanities & Social Sciences																								
General Liberal Arts & Sciences																								
Total	557	371	270	161	18	26	845	558	734	225	5	12	1,584	795	141	52	54	9	195	61	97	30	292	91
	928		431		44		1,403		959		17		2,379		193		63		256		127		383	

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[a] Does not include first professional degrees.

Sources: HEGIS Reports, 1980-81.

TABLE 15A
Utah System of Higher Education
Degrees and Awards Based on Less Than Four Years of Work Beyond High School By Public Institution, 1980-81

Total Curriculum	U of U	USU	WSC	SUSC	SNOW	DIXIE	CEU	UTC Provo	UTC Salt Lake	Public
CURRICULUMS OF TWO OR MORE YEARS BUT LESS THAN FOUR YEARS										
Work wholly or chiefly creditable toward a bachelor's degree										
Associate Dean	10	--	552	--	238	258	118	284	380	1,840
Other formal recognition	--	61	1	84	11	13	--	137	85	392
Total	10	61	553	84	249	271	118	421	465	2,232
Work not wholly or chiefly creditable toward a bachelor's degree										
Associate degree	--	--	--	--	--	--	--	--	--	--
Other formal recognition	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Total curriculums of two or more years	10	61	553	84	249	271	118	421	465	2,232
CURRICULUMS OF AT LEAST ONE YEAR BUT LESS THAN TWO YEARS	--	46	81	42	29	118	36	206	510	1,068
Total all curriculums of less than four years beyond high school	10	107	634	126	278	389	154	627	975	3,300

Sources: HEGIS Reports, 1980-81

TABLE 15B
Utah System of Higher Education
Degrees and Awards Based on Less Than Four Years of Work Beyond High School By Private Institution, 1980-81

Curriculum	BYU	Westminster College	LDS Bus. Coll.	Stevens-Heninger College	Total Private	Total Public Private
CURRICULUMS OF TWO OR MORE YEARS BUT LESS THAN FOUR YEARS						
Work wholly or chiefly creditable toward a bachelor's degree						
Associate Dean	396	--	80	85	561	2,401
Other formal recognition	--	--	--	--	--	392
Total	396	--	80	85	561	2,793
Work not wholly or chiefly creditable toward a bachelor's degree						
Associate degree	--	--	--	--	--	--
Other formal recognition	--	--	--	--	--	--
Total	--	--	--	--	--	--
Total curriculums of two or more years	396	--	80	85	561	2,793
CURRICULUMS OF AT LEAST ONE YEAR BUT LESS THAN TWO YEARS	--	--	58	82	140	1,208
Total all curriculums of less than four years beyond high school	396	--	138	167	701	4,001

Sources: HEGIS Reports, 1980-81

TABLE 16
Utah System of Higher Education
Associate Degrees Conferred by Public and Private Institutions
1976-77 Through 1980-81

Institution	1976-77	1977-78	1978-79	1979-80	1980-81
Systems Institutions					
University of Utah	--	17	--	3	10
Utah State University	--	--	--	--	--
Weber State College	413	439	411	481	552
Southern Utah State College	--	--	--	--	--
Snow College	194	206	224	232	238
Dixie College	201	275	217	219	258
College of Eastern Utah	98	112	104	95	118
Utah Technical College at Provo	246	226	199	203	284
Utah Technical College at Salt Lake	224	339	342	336	380
Total, System Institutions	1,376	1,614	1,497	1,569	1,840
Yearly Percentage Increase	(0.8)	17.3	(7.2)	4.8	17.3
Private Institutions					
Brigham Young	485	435	410	447	396
Westminster College[a]	2	--	--	--	--
LDS Business College	75	73	95	85	80
Stevens Henager College	65	53	61	84	85
Total, Private Institutions	627	561	566	616	561
Yearly Percentage Increase	(1.1)	(10.5)	0.9	8.8	(8.9)
Total Associate Degrees Awarded in Utah	2,003	2,175	2,063	2,185	2,401
Total Percent of Increase for all Utah Institutions	(0.9)	8.6	(5.1)	5.9	9.9

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[a] Associate degrees were offered at Westminster College prior to the 1976-77 academic year.

Sources: HEGIS Report, 1976-77 through 1980-81.

TABLE 17A
Utah System of Higher Education
Degrees and Awards Based on Less Than Four Years of Work Beyond High School
- Curriculums of Two or More But Less Than Four Years -
Work Wholly or Chiefly Creditable Toward a Bachelor's Degree,
Publiac Institutions, 1980-81

	U of U		USU		WSC		SUSC		SNOW	
Curriculums	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition
ARTS AND SCIENCE OR GENERAL PROGRAMS NOT ORGANIZED AS OCCUPATIONAL CURRICULUMS										
Total Section 1	10				138				195	
Non-resident alien					1				8	
Black, non-Hispanic					5				2	
American Indian or Alaskan Native	7				1					
Asian or Pacific Islander	1				3				6	
Hispanic	2				1				3	
White, non-Hispanic					127				176	
SCIENCE OR ENGINEERING RELATED ORGANIZED OCCUPATIONAL CURRICULUM AT THE TECHNICAL OR SEMITECHNICAL LEVEL										
Data Processing Technologies										
Data Processing Technologies, General	___	___	___	___	14	___	___	___	___	
Total					14					
Non-resident alien										
Black, non-Hispanic										
American Indian or Alaskan Native					1					
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic					13					

TABLE 17A (cont.)

	U of U		USU		WSC		SUSC		SNOW	
Curriculums	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition
Health Services & Paramedical Technologies										
Medical Assistant & Medical Office Assistant Technologies										
Health Services Assistant Technologies, General										
Radiologic Technologies										
Nursing, R.N.										
Psychiatric Technologies										
Medical or Biological Laboratory Assistant Technologies					15					
Radiologic Technologies					13					
Nursing, R.N., Less Than 4-year					230					
Inhalation Therapy Technologies					7					
Dental Hygiene Technologies					15					
Paramedic Technologies					6					
Total					286					
Non-resident alien										
Black, non-Hispanic					1					
American Indian or Alaskan Native										
Asian or Pacific Islander					4					
Hispanic					7					
White, non-Hispanic					274					
Mechanical Engineering Technologies										
Mechanical & Engineering Technologies General					4					
Aeronautical & Aviation Technologies				3						
Engineering Graphics								2		
Architectural Drafting Technologies				5	8					
Solar Technologies										

TABLE 17A (cont.)

Curriculums	U of U Assoc. Degree	U of U Other Formal Recog-nition	USU Assoc. Degree	USU Other Formal Recog-nition	WSC Assoc. Degree	WSC Other Formal Recog-nition	SUSC Assoc. Degree	SUSC Other Formal Recog-nition	SNOW Assoc. Degree	SNOW Other Formal Recog-nition
Automotive Technologies				3	10	1		4	4	1
Civil Technologies								2		
Construction & Building Technologies					5			6	8	
Metal Fabrication Technologies										
Diesel Technologies					2					
Mechanical Technologies										
Traffic Engineering										
Electronics & Machine Technologies					8			5	1	
Welding Technologies					2			8	1	
Industrial Technologies										
Instrumentation Technologies										
Total				11	39	1		27	14	1
Non-resident alien					4					
Black, non-Hispanic					2					
American Indian or Alaskan Native					1					
Asian or Pacific Islander										
Hispanic					2					
White, non-Hispanic				11	30	1		27	13	1
Natural Science Technologies										
Agricultural Technologies				11				4		
Home Economics Technologies					15					
Sanitation & Public Health Inspection Technologies										
Family Studies										
Natural Science Technologies, General										
Food Services Technologies										
Total				11	15			4		

TABLE 17A (cont.)

Curriculums	U of U		USU		WSC		SUSC		SNOW	
	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition
Non-resident alien						1				
Black, non-Hispanic										
American Indian or Alaskan Native						1				
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic				11	13			4		
Total, Section 2				22	354	1		31	14	1
NONSCIENCE- AND NONENGINEERING-RELATED ORGANIZED OCCUPATIONAL CURRICULUMS										
Business and Commerce Technologies										
Business & Commerce Technologies, General								2		
Accounting Technologies										
Banking & Finance Technologies										
Marketing, Distribution, Purchasing, Business, and Industrial Management Technologies					26				18	1
Secretarial Technologies				39	16			12	10	6
Personal Service Technologies										
Photography Technologies										
Communications & Broadcasting Technologies										
Printing & Lithography Technologies										
Hotel & Restaurant Management Technologies										
Transportation & Public Utilities Technologies					2					

TABLE 17A (cont.)

Curriculums	U of U		USU		WSC		SUSC		SNOW	
	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition
Applied Arts, Graphic Arts, & Fine Arts Technologies										
Real Estate Technologies										
Total				39	44			14	28	7
Non-resident alien				2	1					
Black, non-Hispanic					2					
American Indian or Alaskan Native										
Asian or Pacific Islander				1					1	
Hispanic					4					
White, non-Hispanic				36	37			14	27	7
Public Service-Related Technologies										
Public Service-Related Technologies, General										
Nursery Assistant Technology										
Music Technology										
Education Technologies (teacher aide and 2-year teacher training programs)								31		
Library Assistant Technologies										
Police, Law Enforcement, Corrections Technologies					16			8		
Recreation and Social Work-Related Technologies										
Fire Control Technology										
Public Administration and Management Technologies										
Child Care									1	3
Total					16			39	1	3

TABLE 17A (cont.)

Curriculums	U of U Assoc. Degree	U of U Other Formal Recog-nition	USU Assoc. Degree	USU Other Formal Recog-nition	WSC Assoc. Degree	WSC Other Formal Recog-nition	SUSC Assoc. Degree	SUSC Other Formal Recog-nition	SNOW Assoc. Degree	SNOW Other Formal Recog-nition
Non-resident alien										
Black, non-Hispanic										
American Indian or Alaskan Native								1		
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic					16			38	1	3
Total, Section 3				39	60			53	29	10
Total, Sections 1, 2 & 3	10			61	552	1		84	238	11
Non-resident alien				2	7				8	
Black, non-Hispanic					10				2	
American Indian or Alaskan Native	7				4				1	
Asian or Pacific Islander	1			1	7				7	
Hispanic	2				14				3	
White, non-Hispanic				58	510	1		84	217	11

TABLE 17B
Utah System of Higher Education
Degrees and Awards Based on Less Than Four Years of Work Beyond High School
- Curriculums of Two or More But Less Than Four Years -
Work Wholly or Chiefly Creditable Toward a Bachelor's Degree,
Public Institutions, 1980-81

	Dixie		CSU		UTC/Provo		UTC/SLC		Total Public	
Curriculums	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition
ARTS AND SCIENCE OR GENERAL PROGRAMS NOT ORGANIZED AS OCCUPATIONAL CURRICULUMS										
Total Section 1	218		109						670	
Non-resident alien	10		2						21	
Black, non-Hispanic			2						9	
American Indian or Alaskan Native	1		4						13	
Asian or Pacific Islander			1						11	
Hispanic	3		7						16	
White, non-Hispanic	204	93							600	
SCIENCE OR ENGINEERING RELATED ORGANIZED OCCUPATIONAL CURRICULUM AT THE TECHNICAL OR SEMITECHNICAL LEVEL										
Data Processing Technologies										
Data Processing Technologies, General					3		62		79	
Total					3		62		79	
Non-resident alien										
Black, non-Hispanic										
American Indian or Alaskan Native							1		2	
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic					3		61		77	

TABLE 17B (cont.)

Curriculums	Dixie Assoc. Degree	Dixie Other Formal Recog-nition	CSU Assoc. Degree	CSU Other Formal Recog-nition	UTC/Provo Assoc. Degree	UTC/Provo Other Formal Recog-nition	UTC/SLC Assoc. Degree	UTC/SLC Other Formal Recog-nition	Total Public Assoc. Degree	Total Public Other Formal Recog-nition
Health Services & Paramedical Technologies										
Medical Assistant & Medical Office Assistant Technologies										
Health Services Assistant Technologies, General										
Radiologic Technologies					6				6	
Nursing, R.N.										
Psychiatric Technologies					6				6	
Medical or Biological Laboratory Assistant Technologies								15		
Radiologic Technologies								13		
Nursing, R.N., Less Than 4-year								230		
Inhalation Therapy Technologies								7		
Dental Hygiene Technologies								15		
Paramedic Technologies								6		
Total					12			298		
Non-resident alien										
Black, non-Hispanic									1	
American Indian or Alaskan Native					2				2	
Asian or Pacific Islander					1				5	
Hispanic									7	
White, non-Hispanic					9				283	
Mechanical Engineering Technologies										
Mechanical & Engineering Technologies General									4	
Aeronautical & Aviation Technologies	1	2							1	5
Engineering Graphics					26		26	3	52	5
Architectural Drafting Technologies	5						8		21	5
Solar Technologies	1								1	

TABLE 17B (cont.)

Curriculums	Dixie		CSU		UTC/Provo		UTC/SLC		Total Public	
	Assoc. Degree	Other Formal Recog- nition	Assoc. Degree	Other Formal Recog- nition	Assoc. Degree	Other Formal Recog- nition	Assoc. Degree	Other Formal Recog- nition	Assoc. Degree	Other Formal Recog- nition
Automotive Technologies	4	3			8	29	16	15	42	56
Civil Technologies										2
Construction & Building Technologies					19	36	23	21	55	63
Metal Fabrication Technologies										
Diesel Technologies					4	21	13	25	19	46
Mechanical Technologies					3				3	
Traffic Engineering										
Electronics & Machine Technologies					34	2	38	5	81	12
Welding Technologies					2	8	8	15	13	31
Industrial Technologies			4						4	
Instrumentation Technologies					48	25			48	25
Total	11	5	4		144	121	132	84	344	250
Non-resident alien		3	2		7	1	1	1	14	5
Black, non-Hispanic							1		3	
American Indian or Alaskan Native			2			1		14	4	15
Asian or Pacific Islander					8	3	2	2	10	5
Hispanic					2	1		2	4	3
White, non-Hispanic	11	2			127	115	128	65	309	222
Natural Science Technologies										
Agricultural Technologies										15
Home Economics Technologies									15	
Sanitation & Public Health Inspection Technologies										
Family Studies										
Natural Science Technologies, General										
Food Services Technologies							2		2	
Total							2		17	15

TABLE 17B (cont.)

Curriculums	Dixie Assoc. Degree	Dixie Other Formal Recog-nition	CSU Assoc. Degree	CSU Other Formal Recog-nition	UTC/Provo Assoc. Degree	UTC/Provo Other Formal Recog-nition	UTC/SLC Assoc. Degree	UTC/SLC Other Formal Recog-nition	Total Public Assoc. Degree	Total Public Other Formal Recog-nition
Non-resident alien									1	
Black, non-Hispanic										
American Indian or Alaskan Native									1	
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic							2		15	15
Total, Section 2	11	5	4		159	121	196	84	738	265
NONSCIENCE- AND NONENGINEERING-RELATED ORGANIZED OCCUPATIONAL CURRICULUMS										
Business and Commerce Technologies										
Business & Commerce Technologies, General			2				133		135	2
Accounting Technologies					21	6			21	6
Banking & Finance Technologies							3		3	
Marketing, Distribution, Purchasing, Business, and Industrial Management Technologies	8	2			35	4			87	7
Secretarial Technologies	3	5	3		33	6	9		79	68
Personal Service Technologies	3	1							3	1
Photography Technologies										
Communications & Broadcasting Technologies										
Printing & Lithography Technologies										
Hotel & Restaurant Management Technologies					6		4		10	
Transportation & Public Utilities Technologies							12		14	

TABLE 17B (cont.)

Curriculums	Dixie Assoc. Degree	Dixie Other Formal Recog-nition	CSU Assoc. Degree	CSU Other Formal Recog-nition	UTC/Provo Assoc. Degree	UTC/Provo Other Formal Recog-nition	UTC/SLC Assoc. Degree	UTC/SLC Other Formal Recog-nition	Total Public Assoc. Degree	Total Public Other Formal Recog-nition
Applied Arts, Graphic Arts, & Fine Arts Technologies	3				11		23	1	37	1
Real Estate Technologies	4								4	
Total	21	8	5		111	16	184	1	393	85
Non-resident alien					4		1		6	2
Black, non-Hispanic									2	
American Indian or Alaskan Native							2		2	
Asian or Pacific Islander			1		1		5		8	1
Hispanic	1		1		3		3		12	
White, non-Hispanic	20	8	3		103	16	173	1	363	82
Public Service-Related Technologies										
Public Service-Related Technologies, General										
Nursery Assistant Technology	7								7	
Music Technology	1								1	
Education Technologies (teacher aide and 2-year teacher training programs)										31
Library Assistant Technologies										
Police, Law Enforcement, Corrections Technologies									16	1
Recreation and Social Work-Related Technologies										
Fire Control Technology					14				14	
Public Administration and Management Technologies										
Child Care									1	3
Total	8				14				39	42

TABLE 17B (cont.)

Curriculums	Dixie		CSU		UTC/Provo		UTC/SLC		Total Public	
	Assoc. Degree	Other Formal Recog- nition	Assoc. Degree	Other Formal Recog- nition	Assoc. Degree	Other Formal Recog- nition	Assoc. Degree	Other Formal Recog- nition	Assoc. Degree	Other Formal Recog- nition
Non-resident alien										
Black, non-Hispanic										
American Indian or Alaskan Native										1
Asian or Pacific Islander										
Hispanic										
White, non-Hispanic	8				14				39	41
Total, Section 3	29	8	5		125	16	184	1	432	127
Total, Sections 1, 2 & 3	258	13	118		284	137	380	86	1,840	392
Non-resident alien	10	3	4		11	1	2	1	42	7
Black, non-Hispanic			2				1		15	
American Indian or Alaskan Native	1		6		2	1	3	14	24	15
Asian or Pacific Islander			2		10	3	7	2	34	6
Hispanic	4		8		5	1	3	2	39	3
White, non-Hispanic	243	10	96		256	131	364	66	1,686	361

TABLE 17C
Utah System of Higher Education
Degrees and Awards Based on Less Than Four Years of Work Beyond High School
- Curriculums of Two or More But Less Than Four Years -
Work Wholly or Chiefly Creditable Toward a Bachelor's Degree,
Private Institutions, 1980-81

Curriculums	BYU Assoc. Degree	BYU Other Formal Recog-nition	Westminster Assoc. Degree	Westminster Other Formal Recog-nition	LDS Bus. Coll. Assoc. Degree	LDS Bus. Coll. Other Formal Recog-nition	Stevens-Henager Assoc. Degree	Stevens-Henager Other Formal Recog-nition	Total Private Assoc. Degree	Total Private Other Formal Recog-nition	Total All Assoc. Degree	Total All Other Formal Recog-nition
ARTS AND SCIENCE OR GENERAL PROGRAMS NOT ORGANIZED AS OCCUPATIONAL CURRICULUMS												
Total Section 1	148				6				154		824	
Non-resident alien	6				2				8		29	
Black, non-Hispanic	1								1		10	
American Indian or Alaskan Native	1								1		14	
Asian or Pacific Islander											11	
Hispanic											16	
White, non-Hispanic	140				4				144		744	
SCIENCE OR ENGINEERING RELATED ORGANIZED OCCUPATIONAL CURRICULUM AT THE TECHNICAL OR SEMITECHNICAL LEVEL												
Data Processing Technologies												
Data Processing Technologies, General	3				6				9		88	
Total	5				6				9		88	
Non-resident alien					1				1		1	
Black, non-Hispanic												
American Indian or Alaskan Native											2	
Asian or Pacific Islander												
Hispanic												
White, non-Hispanic	3				5				8		85	

TABLE 17C (cont.)

Curriculums	BYU Assoc. Degree	BYU Other Formal Recog-nition	Westminster Assoc. Degree	Westminster Other Formal Recog-nition	LDS Bus. Coll. Assoc. Degree	LDS Bus. Coll. Other Formal Recog-nition	Stevens-Henager Assoc. Degree	Stevens-Henager Other Formal Recog-nition	Total Private Assoc. Degree	Total Private Other Formal Recog-nition	Total All Assoc. Degree	Total All Other Formal Recog-nition
Health Services & Paramedical Technologies												
Medical Assistant & Medical Office Assistant Technologies							7		7	7		
Health Services Assistant Technologies, General	1								1	1		
Radiologic Technologies										6		
Nursing, R.N.	160								160	160		
Psychiatric Technologies										6		
Medical or Biological Laboratory Assistant Technologies										15		
Radiologic Technologies										13		
Nursing, R.N., Less Than 4-year										230		
Inhalation Therapy Technologies										7		
Dental Hygiene Technologies										15		
Paramedic Technologies										6		
Total	161						7		168	466		
Non-resident alien	5								5	5		
Black, non-Hispanic										1		
American Indian or Alaskan Native										2		
Asian or Pacific Islander	1								1	6		
Hispanic	1								1	8		
White, non-Hispanic	154						7		161	444		
Mechanical Engineering Technologies												
Mechanical & Engineering Technologies General										4		
Aeronautical & Aviation Technologies										1	5	
Engineering Graphics										52	5	
Architectural Drafting Technologies	4								4	25	5	
Solar Technologies										1		

TABLE 17C (cont.)

Curriculums	BYU		Westminster		LDS Bus. Coll.		Stevens-Henager		Total Private		Total All	
	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition
Automotive Technologies											42	56
Civil Technologies	3								3		3	2
Construction & Building Technologies	1								1		56	63
Metal Fabrication Technologies												
Diesel Technologies											19	46
Mechanical Technologies											3	
Traffic Engineering												
Electronics & Machine Technologies	3								3		84	12
Welding Technologies											13	31
Industrial Technologies											4	
Instrumentation Technologies											48	25
Total	11								11		355	250
Non-resident alien											14	5
Black, non-Hispanic											3	
American Indian or Alaskan Native											4	15
Asian or Pacific Islander											10	5
Hispanic											4	3
White, non-Hispanic	11								11		320	222
Natural Science Technologies												
Agricultural Technologies	1								1		1	15
Home Economics Technologies											15	
Sanitation & Public Health Inspection Technologies												
Family Studies												
Natural Science Technologies, General												
Food Services Technologies											2	
Total	1								1		18	15

TABLE 17C (cont.)

Curriculums	BYU Assoc. Degree	BYU Other Formal Recog-nition	Westminster Assoc. Degree	Westminster Other Formal Recog-nition	LDS Bus. Coll. Assoc. Degree	LDS Bus. Coll. Other Formal Recog-nition	Stevens-Henager Assoc. Degree	Stevens-Henager Other Formal Recog-nition	Total Private Assoc. Degree	Total Private Other Formal Recog-nition	Total All Assoc. Degree	Total All Other Formal Recog-nition
Non-resident alien											1	
Black, non-Hispanic												
American Indian or Alaskan Native											1	
Asian or Pacific Islander												
Hispanic												
White, non-Hispanic	1								1		16	15
Total, Section 2	176				6		7		189		927	265
NONSCIENCE- AND NONENGINEERING-RELATED ORGANIZED OCCUPATIONAL CURRICULUMS												
Business and Commerce Technologies												
Business & Commerce Technologies, General											135	2
Accounting Technologies					36		31		67		88	6
Banking & Finance Technologies											3	
Marketing, Distribution, Purchasing, Business, and Industrial Management Technologies					23		17		40		127	7
Secretarial Technologies	42				9		26		77		156	68
Personal Service Technologies											3	1
Photography Technologies	3								3		3	
Communications & Broadcasting Technologies												
Printing & Lithography Technologies												
Hotel & Restaurant Management Technologies											10	
Transportation & Public Utilities Technologies							4		4		18	

TABLE 17C (cont.)

	BYU		Westminster		LDS Bus. Coll.		Stevens-Henager		Total Private		Total All	
Curriculums	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition
Applied Arts, Graphic Arts, & Fine Arts Technologies	8								8		45	1
Real Estate Technologies											4	
Total	53				68		78		199		592	85
Non-resident alien	2				3		1		6		12	2
Black, non-Hispanic											2	
American Indian or Alaskan Native											2	
Asian or Pacific Islander					2		3		5		13	1
Hispanic					3		2		5		17	
White, non-Hispanic	51				60		72		183		546	82
Public Service-Related Technologies												
Public Service-Related Technologies, General	5								5		5	
Nursery Assistant Technology											7	
Music Technology											1	
Education Technologies (teacher aide and 2-year teacher training programs)												31
Library Assistant Technologies	7								7		7	
Police, Law Enforcement, Corrections Technologies	1								1		17	8
Recreation and Social Work-Related Technologies	6								6		6	
Fire Control Technology											14	
Public Administration and Management Technologies												
Child Care											1	3
Total	19								19		58	42

TABLE 17C (cont.)

Curriculums	BYU Assoc. Degree	BYU Other Formal Recog-nition	Westminster Assoc. Degree	Westminster Other Formal Recog-nition	LDS Bus. Coll. Assoc. Degree	LDS Bus. Coll. Other Formal Recog-nition	Stevens-Henager Assoc. Degree	Stevens-Henager Other Formal Recog-nition	Total Private Assoc. Degree	Total Private Other Formal Recog-nition	Total All Assoc. Degree	Total All Other Formal Recog-nition
Non-resident alien	1								1		1	
Black, non-Hispanic												
American Indian or Alaskan Native												1
Asian or Pacific Islander												
Hispanic												
White, non-Hispanic	18								18		57	41
Total, Section 3	72				68		78		218		650	127
Total, Sections 1, 2 & 3	396				80		85		561		2,401	392
Non-resident alien	14				6		1		21		63	7
Black, non-Hispanic	1								1		16	
American Indian or Alaskan Native	1								1		25	15
Asian or Pacific Islander	1				2		3		6		40	6
Hispanic	1				3		2		6		45	3
White, non-Hispanic	378				69		79		526		2,212	361

TABLE 18
Utah System of Higher Education
Number of Teachers Recommended for Certification
Classified by Level and Institution 1977 Through 1981

Institution		1977	1978	1979	1980	1981*
Southern Utah State College	Early Childhood	9	--	--	--	--
	Elementary	44	41	44	49	65
	Secondary	67	65	52	58	65
	Ungraded	--	--	--	--	--
	Total	120	106	96	107	130
University of Utah	Early Childhood	30	27	30	43	46
	Elementary	117	97	105	115	132
	Secondary	130	139	111	110	226
	Ungraded	142	128	79	66	132
	Total	419	391	325	334	536
Utah State University	Early Childhood	3	24	10	10	16
	Elementary	115	84	133	139	128
	Secondary	236	156	171	173	168
	Ungraded	61	74	51	44	56
	Total	415	338	365	366	368
Weber State College	Early Childhood	8	11	6	13	9
	Elementary	72	85	75	84	92
	Secondary	75	84	63	75	66
	Ungraded	--	--	--	--	--
	Total	155	180	144	172	167
Total State Institutions	Early Childhood	50	62	46	66	71
	Elementary	348	307	357	387	417
	Secondary	508	444	397	416	525
	Ungraded	203	202	130	110	188
	Total	1,109	1,015	930	979	1,201

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*Estimated

TABLE 18 (cont.)

Institution		1977	1978	1979	1980	1981*
Brigham Young University	Early Childhood	90	90	83	85	62
	Elementary	398	399	421	440	400
	Secondary	406	405	449	437	359
	Ungraded	185	256	270	268	118
	Total	1,079	1,150	1,223	1,230	939
Westminster College	Early Childhood	12	20	11	8	12
	Elementary	11	17	18	18	15
	Secondary	9	13	11	9	8
	Ungraded	--	--	--	--	--
	Total	32	50	40	35	35
Total All Institutions	Early Childhood	153	172	140	159	145
	Elementary	757	723	796	845	832
	Secondary	923	862	857	862	892
	Ungraded	388	458	400	378	306
	Total	2,220	2,215	2,193	2,244	2,175
Percent Change Over Previous Year		3.4	(.2)	(1.0)	2.3	(3.1)

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*Estimated

Sources: Utah State Office of Education, Status of Teacher Personnel in Utah 1980-81. (Salt Lake City: Utah State Office of Education, 1981), p. 108.

TABLE 19

Utah System of Higher Education
Number of Elementary and Secondary Teachers Graduating from Utah Colleges and Universities and Accepting Teaching Positions in Utah
1978-79 and 1979-80

Name of Institution	Number Recommended For Certificate		Number Teaching in State		Percent Accepting Positions in Utah	
	1978-79	1979-80	1978-79	1979-80	1978-79	1979-80
University of Utah	325	367	164	88	50.5	24.0
Utah State University	365	384	199	195	54.5	50.8
Weber State College	144	178	92	104	63.9	58.4
Southern Utah State College	96	113	54	67	56.2	59.3
Brigham Young University	1,223	897	505	359	41.3	40.0
Westminster College	40	37	23	19	57.5	51.4
Total	2,193	1,976	1,037	832	47.3	42.1

Source: Utah State Office of Education, Status of Teacher Personnel in Utah, 1980-81. (Salt Lake City: Utah State Office of Education, 1981), p. 111.

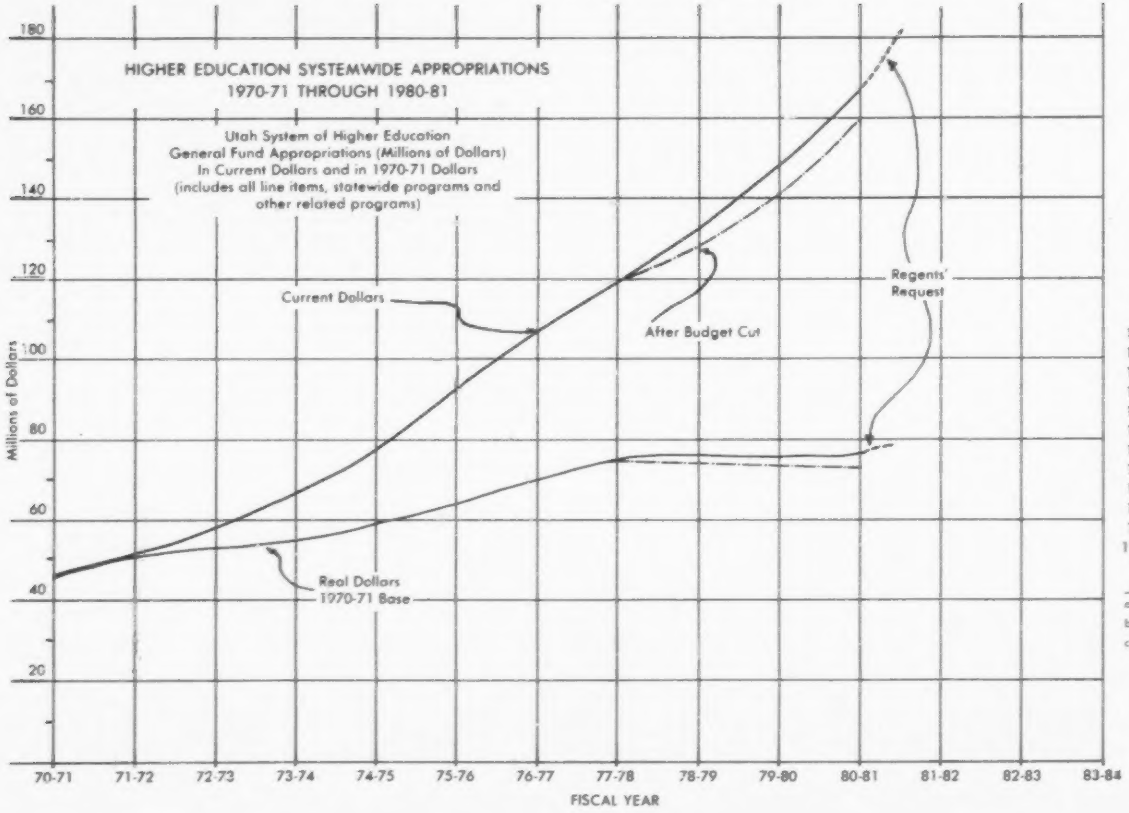
TABLE 20
Utah System of Higher Education
Number of Students Graduating from Utah Institutions of Higher Education in Elementary and Secondary Education and Percent Accepting Teaching Positions in Utah
1965-66 Through 1979-80

Year	Number of Institutions	Number of Graduates in Elementary & Secondary Education	Accepted Teaching Positions in Utah	
			Number	Percent
1965-66	6	2,409	1,319	55
1966-67	6	2,524	1,236	49
1967-68	6	2,688	1,245	46
1968-69	6	2,967	1,239	42
1969-70	6	3,160	1.041	33
1970-71	6	3.379	1,101	33
1971-72	6	2,957	1,005	34
1972-73	6	3,008	955	32
1973-74	6	2,620	936	36
1974-75	6	2,241	818	37
1975-76	6	2,147	748	35
1976-77	6	2,220	954	43
1977-78	6	2,215	1,042	47
1978-79	6	2,193	1,037	47
1979-80	6	1,976	832	41
Total		38,704	15,508	40

Source: Utah State Office of Education, *Status of Teacher Personnel in Utah, 1980-81*. (Salt Lake City: Utah State Office of Education 1981), p. 111.

IV. BUDGETS AND FINANCE

FIGURE 1



Year	Appropriations	Appropriations in 1970-71 Dollars
1970-71	$ 46.3	$46.3
1971-72	52.4	50.5
1972-73	57.2	52.6
1973-74	65.6	55.6
1974-75	76.5	58.9
1975-76	88.1	63.1
1976-77	103.4	69.8
1977-78	119.6	75.5
1978-79	132.0130.1[a]	75.8 74.8[a]
1979-80	146.2140.5[b]	75.0 72.1[b]
1980-81	161.0155.4[b]	73.8 71.2[b]
1981-82[c]	189.0	77.3

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[a] After Governor's Savings cut of $1,986,500.

[b] After Governor's and/or Legislators' cut.

[c] Regents' request.

The Utah State Legislature approved a base budget of $228,256,000 for the Utah System of Higher Education (including Statewide Programs and Other Related Programs) for the fiscal year 1981-82. This was an increase of $17,114,800 or 8.1 percent over the previous year's approved budget of $211,141,200. The budget was financed in part by an appropriation of $173,570,000. This was an increase of $12,585,100, or 7.8 percent, over the previous year's appropriation. The balance of the funding, $54,686,000, came from other collections; tuition and fees revenues comprise approximately two-thirds of this with reimbursed overhead, mineral lease funds and federal funds making up the other one-third.

As noted in the annual reports for the past several years, the institutions of higher education have experienced a series of budget cuts due to state revenue shortfalls. There was no budget cut for 1981-82, but the legislature was quite conservative in the funding of higher education. The general fund appropriation was only 7.8 percent over the previous year's appropriation; this was partially offset by a 12.5 percent increase in tuition rates from 1980-81 to 1981-82.

TABLE 1 Utah System of Higher Education Summary of General Fund Appropriations (Including All Line Items) In Thousands of $ 1977-78 Through 1981-82. p. 112.

TABLE 2 Utah System of Higher Education Student Tuition and Fees for the Academic Year 1981-82. p. 113.

TABLE 3 Utah System of Higher Education Revenue From Operations by Institution in Thousands of $ 1979-80 and 1980-81. p. 114.

TABLE 4 Utah System of Higher Education Expenditures for Operation by Institution in Thousands of $ 1979-80 and 1980-81. p. 115.

TABLE 5 Utah System of Higher Education Total Revenue for Education and General by Institution in Thousands of $ 1979-80 and 1980-81. p. 116.

TABLE 1
Utah System of Higher Education
Summary of General Fund Appropriations (Including All Line Items) in Thousands of $
1977-78 Through 1981-82

	1977-78	1978-79	1979-80	1980-81	1981-82
University of Utah	$ 54,333	$ 59,363	$ 65,341	$ 71,279	$ 77,990
Utah State University	26,821	30,159	33,314	37,121	39,813
Weber State College	13,926	15,563	17,120	19,216	20,456
Southern Utah State College	4,330	4,703	5,263	5,802	6,285
Snow College	2,127	2,547	2,875	3,172	3,418
Dixie College	2,131	2,508	2,853	3,168	3,461
College of Eastern Utah	1,695	1,966	2,280	2,571	2,776
Utah Technical College/Provo	4,576	5,167	5,845	6,477	6,992
Utah Technical College/Salt Lake	5,355	6,046	6,847	7,458	7,953
Board of Regents Administration	623	688	766	778	888
Statewide Programs[a]	2,028	1,772	1,990	2,179	2,223
Other Related Programs[b]	1,641	1,565	1,711	1,765	1,315[g]
USHE Total	$119,586[c]	$132,047[d]	$146,207[e]	$160,985[f]	$173,570[g]

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[a] Includes: Student Loan, WICHE, Computer Service and Uniform Accounting System, Cooperative Nursing, Statewide Television and Intercollegiate Assembly.

[b] Includes: Skills Centers, KUED and County Translators, USU Production Center, Zion Park Amphitheater and Fifth Pathway Program.

[c] Includes supplemental appropriations of $485,661 made by the 1977 Legislature for FY 1976-77.

[d] Original appropriation prior to a $1,986,500 Governor's reduction.

[e] Original appropriation prior to a $5,757,561 Governor's reduction.

[f] Original appropriation prior to a 3 1/2 percent legislative cut.

[g] Skills Centers not included.

Note: Sums may not agree to total due to rounding.

TABLE 2
Utah System of Higher Education
Student Tuition and Fees for the Academic Year
1981-82

	Universities		Four-Year Colleges		Two-Year Colleges			Technical Colleges	
	U of U	USU	WSC	SUSC	Snow	Dixie	CEU	UTC/P	UTC/SL
Tuition and Registration									
Resident Students	$ 726.00[b]	$ 630.00[b]	$ 540.00	$ 519.00	$ 435.00	$ 435.00	$ 435.00	$ 435.00	$ 435.00
Nonresident Students	2,178.00[b]	1,947.00[b]	1,620.00	1,557.00	1,305.00	1,305.00	1,305.00	1,305.00	1,305.00
Other Fees									
Student Activity	21.00	39.00	24.00	52.50	49.50	36.00	51.00	42.00	15.00
Building Fee	85.50	56.00	79.00	60.00	48.00	33.00	42.00	57.00	45.00
Athletic Fee	30.00	39.00	35.00	39.00	36.00	30.00	40.50	-----	-----
Union Building Fee	-----	-----	15.00	13.50	12.00	54.00	30.00	30.00	36.00
Lectures, Theatre, Concerts, etc	-----	-----	3.00	-----	6.00	-----	-----	-----	-----
Medical Insurance or Health Services	6.75	15.00	9.00	-----	12.00	-----	-----	6.00	3.00
Other	6.75[c]	1.00[d]	-----	-----	31.50[e]	12.00	16.50	-----	-----
Total Other Fees	150.00	150.00	165.00	165.00	195.00	165.00	180.00	135.00	99.00
Total Tuition and Fees Charged Each Full-time Student per Academic Year									
Residence Students	876.00	780.00	705.00	684.00	630.00	600.00	615.00	570.00	534.00
Nonresidence Students	2,328.00	2,097.00	1,785.00	1,722.00	1,500.00	1,470.00	1,485.00	1,440.00	1,404.00

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[a] Academic year tuition for the School of Medicine and College of Law are as follows:

	Sch. of Med.	Col. of Law
Resident Students		
Tuition	$2,700	$ 726
Tuition & Fees	2,850	876
Nonresident Students		
Tuition	5,859	2,178
Tuition & Fees	6,009	2,328

[b] Tuition for 15 hours per quarter.

[c] Recreation fee.

[d] Class fee.

[e] Yearbook, $12.00; activity center, $19.50.

[f] Yearbook

[g] Alumni fee, $3.00; departmental activity, $13.50.

TABLE 3
Utah System of Higher Education
Revenue From Operations By Institution
In Thousands of $ 1979-80 And 1980-81

Institution	1979-80 Actual General Fund Appropri-ation (1)	% (2)	Other Operating Revenue (3)	% (4)	Total 100% (5)	1980-81 Actual General Fund Appropri-ation (6)	% (7)	Other Operating Revenue (8)	% (9)	Total 100% (10)
University of Utah	$ 62,063	75	$ 20,472	25	$ 82,535	$ 68,784	77	$ 20,780	23	$ 89,564
Utah State University	31,947	70	13,990	30	45,937	35,851	72	14,256	28	50,107
Weber State College	16,200	75	5,329	25	21,529	18,544	75	6,119	25	24,663
Southern Utah State College	4,977	81	1,185	19	6,162	5,599	82	1,264	18	6,863
Snow College	2,718	83	553	17	3,271	3,061	83	628	17	3,689
Dixie College	2,695	81	627	19	3,322	3,108	81	728	19	3,836
College of Eastern Utah	2,489	94	148	6	2,637	2,496	84	464	16	2,960
Utah Technical College/Provo	7,463	99	43	1	7,506	6,250	72	2,450	28	8,700
Utah Technical College/Salt Lake	8,518	99	51	1	8,569	7,197	75	2,426	25	9,623
Board of Regents Administration	718	85	125	15	843	751	77	230	23	981
Statewide Programs	1,928	103	(55)	(3)	1,873	2,104	100	(5)	0	2,099
Other Related Programs	913	65	498	35	1,411	1,138	90	131	10	1,269
USHE Total	$142,629	77%	$ 42,966	23%	$185,595	$154,883	76%	$ 49,471	24%	$204,354

TABLE 4
Utah System of Higher Education
Expenditures For Operation By Institution In Thousands Of $
1979-80 And 1980-81

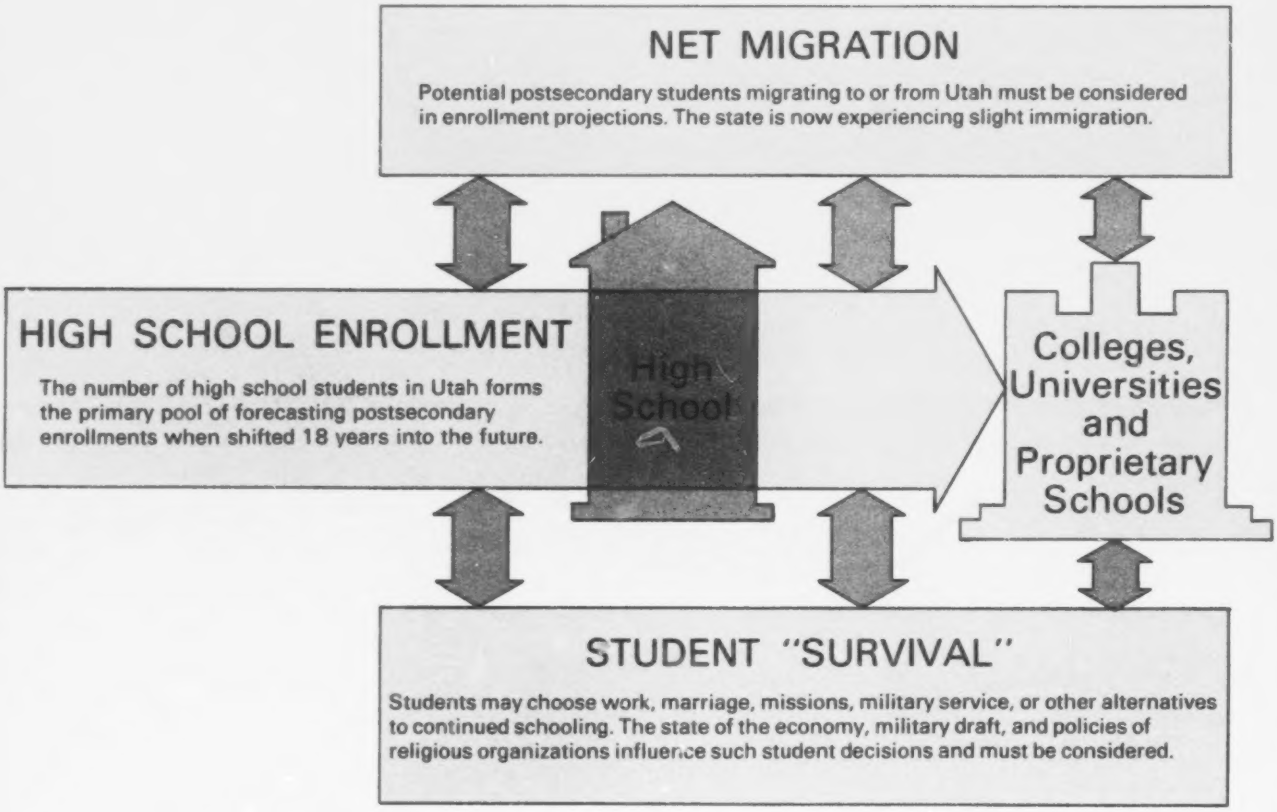
Institution	1979-80 Actual			1980-81 Actual		
	Education & General (1)	All Other Programs (2)	Total (3)	Education & General (4)	All Other Programs (5)	Total (6)
University of Utah	$ 71,358	$ 11,177	$ 82,535	$ 77,368	$ 12,196	$ 89,564
Utah State University	33,307	12,630	45,937	36,626	13,481	50,107
Weber State College	21,382	147	21,529	24,499	164	24,663
Southern Utah State College	6,104	58	6,162	6,802	61	6,863
Snow College	3,249	22	3,271	3,659	30	3,689
Dixie College	3,309	13	3,322	3,825	11	3,836
College of Eastern Utah	2,489	148	2,637	2,797	163	2,960
Utah Technical College/Provo	7,463	43	7,506	8,656	44	8,700
Utah Technical College/Salt Lake	8,518	51	8,569	9,571	52	9,623
Board of Regents Administration	-----	843	843	-----	981	981
Statewide Programs	-----	1,873	1,873	-----	2,099	2,099
Other Related Programs	-----	1,411	1,411	-----	1,269	1,269
USHE Grand Total	$157,179	$ 28,416	$185,595	$173,803	$ 30,551	$204,354

TABLE 5
Utah System of Higher Education
Total Revenues for Education and General By Institution in Thousands of $
1979-80 And 1980-81

Institution	1979-80 Actual				1980-81 Actual			
	Appropriation (1)	Student Tuition & Fees (2)	Other (3)	Total (4)	Appropriation (5)	Student Tuition & Fees (6)	Other (7)	Total (8)
University of Utah	$ 52,298	$ 13,069	$ 5,991	$ 71,358	$ 58,116	$15,391	$3,861	$ 77,368
Utah State University	23,861	7,260	2,186	33,307	26,621	8,460	1,545	36,626
Weber State College	16,046	4,669	666	21,381	18,383	5,468	648	24,499
Southern Utah State College	4,918	974	212	6,104	5,538	1,122	142	6,802
Snow College	2,695	427	127	3,249	3,036	559	64	3,659
Dixie College	2,683	561	65	3,309	3,095	683	47	3,825
College of Eastern Utah	2,073	272	144	2,489	2,390	332	75	2,797
Utah Technical College/Provo	5,436	1,474	553	7,463	6,206	1,905	545	8,656
Utah Technical College/Salt Lake	6,387	1,485	646	8,518	7,145	1,886	540	9,571
Total	$116,397	$ 30,191	$10,590	$157,178	$130,530	$ 35,806	$7,467	$173,803

V. PLANNING AND ENROLLMENT

Figure 1. Enrollment Planning Model

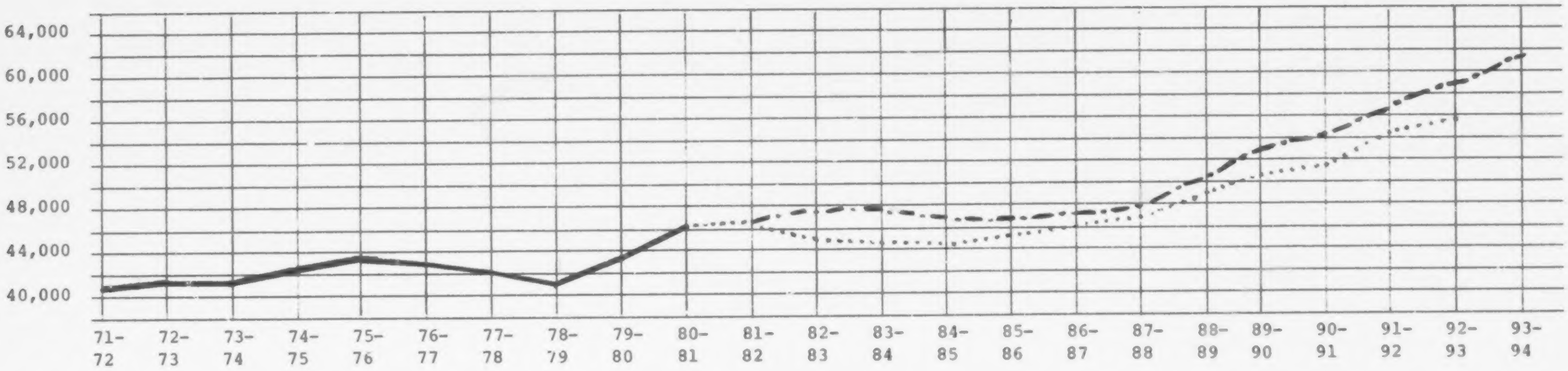

NET MIGRATION
HIGH SCHOOL ENROLLMENT
High School
Colleges, Universities and Proprietary Schools
STUDENT "SURVIVAL"

Potential postsecondary students migrating to or from Utah must be considered in enrollment projections. The state is now experiencing slight immigration.

The number of high school students in Utah forms the primary pool of forecasting postsecondary enrollments when shifted 18 years into the future.

Students may choose work, marriage, missions, military service, or other alternatives to continued schooling. The state of the economy, military draft, and policies of religious organizations influence such student decisions and must be considered.

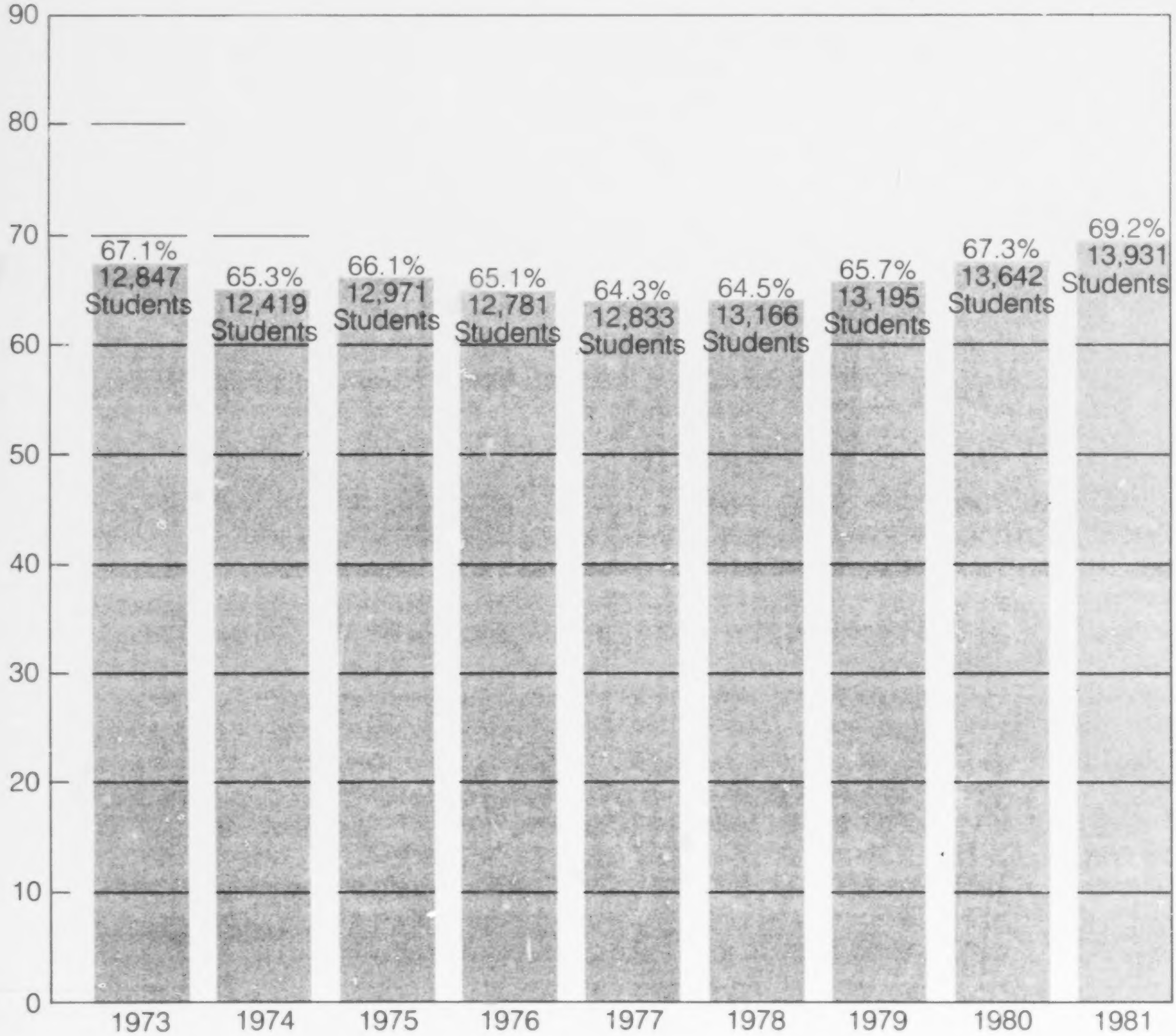
FIGURE 2
Utah System of Higher Education
Academic Year FTE
Projected 1981-82 Through 1993-94



Schedule R-Z

Year	FTE	Year	FTE
Actual		Projected	
1971-72	40,737	1981-82	46,725
1972-73	40,916	1982-83	47,290
1973-74	40,766	1983-84	47,355
1974-75	42,476	1984-85	46,875
1975-76	43,737	1985-86	46,600
1976-77	42,968	1986-87	47,040
1977-78	42,674	1987-88	47,925
1978-79	41,300	1988-89	50,700
1979-80	43,420	1989-90	52,925
1980-81	46,348	1990-91	54,000
		1991-92	56,620
		1992-93	59,280
		1993-94	61,830

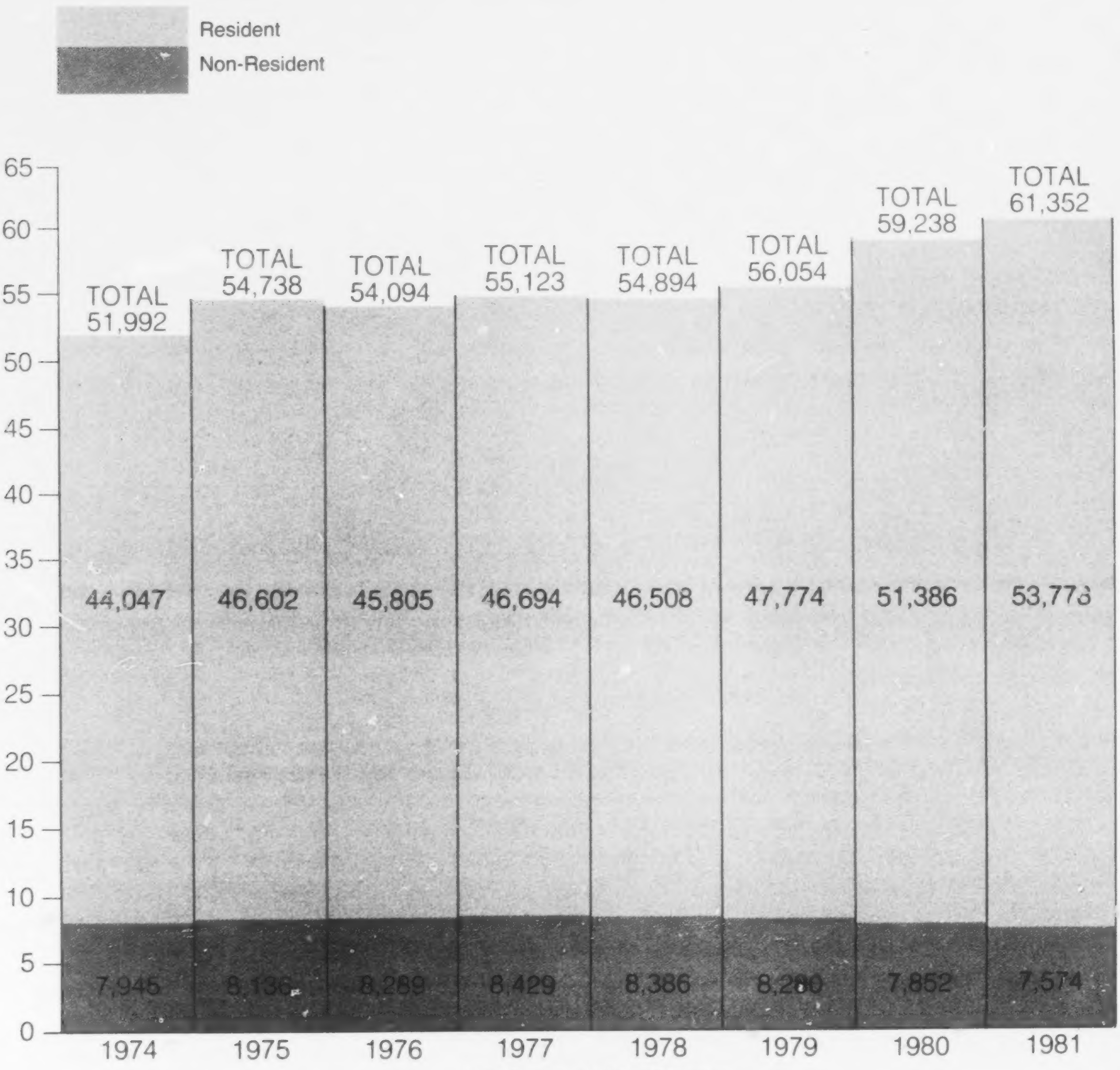
Figure 3. Post High School Intentions
Utah High School Graduates 1973 Through 1980



High school graduates indicating an intention to seek post secondary training, for years 1973 through 1981.

SOURCE: High School Intentions Survey 1973 Through 1981

Figure 4. Autumn Quarter Enrollment in the System



Utah System of Higher Education
Autumn Enrollment, Extended Day Headcount
Years 1973-74 Through 1980-81

SOURCE: USHE Enrollment Reports

UTAH GUARANTEED STUDENT LOAN PROGRAM

The creation of a guaranteed student loan program through the passage of the Federal Higher Education Act of 1965 followed a long-standing national commitment to and belief in the value of post-secondary school education for the nation and the individual alike. In fulfilling these commitments, the Utah Guaranteed Student Loan Program was established in 1977 by state law and is operated by the Utah State Board of Regents.

To date, increasing tuition costs have made the student loan program not only attractive, but frequently a necessary financial solution for both students and parents. This is demonstrated by the magnitude of the program both nationally and in the state of Utah.

All 50 states now administer a guaranteed student loan program (GSLP) whereby eligible students can receive funds to cover post-secondary educational expenses and delay payment until withdrawal from school. In addition to the GLSP, the PLUS program will be made available to Utah lenders and residents in the fall of 1982.

The Guaranteed Student Loan program in Utah consists of two entities: (1) Utah Higher Education Assistance Authority, (2) State Board of Regents of the State of Utah Student Loan Purchase Program.

Utah Higher Education Assistance Authority (UHEAA) is the state agency which governs the Guaranteed Student Loan Program. The Higher Education Loan Act (53-47-1, Utah Code Annoted 1953) designated the State Board of Regents as the Utah Higher Education Assistance Authority with separate duties and responsibilities.

The Utah Higher Education Loan Act of 1977 also provided authority to the State Board of Regents to create a secondary market for the purpose of purchasing student loans from participating lenders. The objective of the program is to provide lenders with capital to make additional student loans. Since inception of the purchase program, approximately $55 million in student loans has been purchased from Utah participating lenders.

The Board has used a variety of financing mechanisms for raising capital. The particular vehicle used depends upon current money market conditions, stability in servicing operations and the confidence national investors have in the administrators of the program. The following identifies the various financing mechanisms that have been used by the Board:

1. In January, 1979 a student loan revenue bond was issued in the amount of $47.4 million.
2. A local line of credit for $11 million was established through Zions First National Bank and First Security Bank of Utah in July 1980.
3. A $35 million line of credit was established in August 1981 with Morgan Guaranty Trust Company of New York City acting as agent and lead bank. The $11 million local line of credit was paid with these funds. Search for additional sources of capital is continuing. It is recognized that adequate funds for the secondary market is essential for continued and increased lender participation.

In the early stages of the Utah loan program, out-of-state agencies were engaged for the servicing and guarantee activities. In April 1980, Utah Education Loan Services (UELSI), a private, non-profit organization was formed to provide loan servicing and guarantee processing. Substantially all functions of the Utah Guaranteed Student Loan Program are performed by UELSI as agent for the Board of Regents and UHEAA. UELSI is managed by William A. Paasch, President. A minority of the five-person Board of Directors of UELSI are members of the Board of Regents. They are: J. Lynn Dougan, Chairman; W. Hughes Brockbank, Vice Chairman. Other officers of the program include Arvo Van Alstyne, Executive Director; and Richard O. Davis, Deputy Executive Director.

In the past five years, Utah has developed a comprehensive guaranteed student loan program, servicing borrowers throughout the state. It has fostered a public-private partnership in an effort to insure that no Utah Student who needs a loan is denied access to the program. In the 1980-81 academic year, for example, over 20,000 students received in excess of $40 million in guaranteed student loans from participating private lenders. At December 31, 1981, UHEAA had guaranteed student loans outstanding with an original principal amount of $115,150,000.

INTERNAL AUDIT SECTION

In recent years, the internal audit section has been responsible for providing professional quality audit services as directed by the Board of Regents' Audit

Review Subcommittee and by the Commissioner. These responsibilities have included the conducting of regular internal audits for the six smaller state-owned colleges and the coordination of audits on all campuses, including the University of Utah, Utah State University and Weber State College, which have their own internal audit staffs.

On a regular basis, the audit department provides general assistance to management at the institutions and when called upon, serves as special consultant to the presidents of the institutions on various financial and/or operational matters.

During the past year, the audit department has been closely involved with the Utah Guaranteed Student Loan Program utilizing its expert knowledge and ability in order to help establish an efficient operation.

Most recently, audits have been completed for athletics, physical plant inventories and equipment, money management, and auxiliary enterprises. As a result of these audits there have been improvements in the control of physical assets in the accountability of various funds.

During the 1981-82 fiscal year, it is anticipated that student financial aid, money management, and tuition and enrollments will be audited. The Commissioner's Ofice has received approval from the Department of Education for the internal audit staff to prepare independent audit reports on behalf of the federal government for the campus-based student financial aid audits required at the state institutions.

TABLE 1 Utah System of Higher Education Autumn Headcount and FTE Enrollments 1966-67 Through 1980-81. p. 126.

TABLE 2 Utah System of Higher Education A Summary of Autumn 1980-81 Headcount and FTE Students, by Level and Type of Student. p. 127.

TABLE 3 Utah System of Higher Education Autumn Headcount Enrollment, Resident and Nonresident, by Institution, 1975-76 Through 1980-81. p. 128.

TABLE 4A Utah System of Higher Education A Comparison of Autumn Headcount Enrollments by Student Level and Residency, 1979 and 1980. p. 130.

TABLE 4B Utah System of Higher Education A Comparison of Autumn Headcount Enrollments by Student Level and Residency, 1979 and 1980. p. 132.

TABLE 5 Utah System of Higher Education A Summary of Autumn FTE Extended Day Enrollments by Institution, 1976-77 Through 1980-81. p. 134.

TABLE 6 Utah Residents Entering as Freshmen, Autumn Headcount 1980 as a Percentage of Utah High School Graduates by County, Spring 1980. p. 135.

TABLE 7 Utah System of Higher Education Utah Counties Providing Greatest Resident Enrollment Percentage, Autumn Headcount, 1980-81 by Institution. p. 136.

TABLE 8A Utah System of Higher Education States and Foreign Countries Providing the Largest Number of Nonresident Students, by Institution, Autumn Headcount, 1980-81. p. 137.

TABLE 8B Utah System of Higher Education States and Foreign Countries Providing the Largest Number of Nonresident Students, by Institution, Autumn Headcount, 1980-81. p. 139.

TABLE 9 Utah System of Higher Education Public and Private Veteran Enrollments 1976-77 Through 1980-81. p. 141.

TABLE 10 Utah System of Higher Education Percentages of Veteran Student Enrollees and Graduates 1980-81. p. 142.

TABLE 1
Utah System of Higher Education
Autumn Headcount and FTE Enrollments [a]
1966-7 Through 1980-81

	Headcount							FTE
					Total			
	Resident		Nonresident			Change		
Year	Number	Percentage	Number	Percentage	Number	Number	Percentage	Number
1966-67	34,632	84.6	6,306	15.4	40,938	---	---	36,286
1967-68	37,382	86.2	6,002	13.8	43,384	2,446	6.0	38,114
1968-69	40,342	87.3	5,873	12.7	46,215	2,831	6.5	40,333
1969-70	42,040	87.5	5,998	12.5	48,038	1,823	3.9	41,451
1970-71	42,834	87.3	6,255	12.7	49,089	1,051	2.2	42,391
1971-72	43,234	86.4	6,785	13.6	50,019	930	1.9	43,737
1972-73	41,740	85.1	7,321	14.9	49,061	(958)	(1.9)	43,506
1973-74	41,500	84.5	7,626	15.5	49,126	65	0.1	43,313
1974-75	44,047	84.7	7,945	15.3	51,992	2,866	5.8	44,937
1975-76	46,602	85.1	8,136	14.9	54,738	2,746	5.3	46,540
1976-77	45,805	84.7	8,289	15.3	54,094	(644)	(1.2)	45,478
1977-78	46,694	84.7	8,429	15.3	55,123	1,029	1.9	45,957
1978-79	46,508	84.7	8,386	15.3	54,894	(229)	(0.4)	44,448
1979-80	47,774	85.2	8,280	14.8	56,054	1,151	2.1	46,056
1980-81	51,386	86.7	7,852	13.3	59,238	3,184	5.7	48,807

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[a] Extended day for all institutions for all years.

Sources: Autumn Enrollment Reports.

TABLE 2
Utah System of Higher Education
A Summary of Autumn 1980-81 Headcount and FTE Students, By Level and Type of Student

	Under Graduate								Graduate		Grand Total All Students
	Professional, Career Education, and other				Vocational-Technical						
	Lower		Upper		Lower		Upper				
	Total	Percentage	Total	Percentage	Total	Percentage	Total	Percentage	Total	Percentage	
A. Headcount											
University of Utah[a]	11,108	49.2	7,240	32.1					4,234	18.7	22,582
Utah State University	4,826	48.6	3,328	33.5	228	2.3	73	0.7	1,484	14.9	9,939
Weber State College	5,319	52.8	2,847	28.3	1,263	12.5	541	5.4	95	0.9	10,065
Southern Utah State College	1,231	59.8	657	31.9	151	7.3	19	0.9			2,058
Snow College	1,128	87.9			155	12.1					1,283
Dixie College	1,371	76.6			419	23.4					1,790
College of Eastern Utah	497	45.1			606	54.9					1,103
Utah Technical College/Provo	739	16.5			3,742	83.5					4,481
Utah Technical College/ Salt Lake	580	9.8			5,357	90.2					5,937
Total Headcount	26,799	45.2	14,072	23.8	11,921	20.1	633	1.1	5,813	9.8	59,238
B. Full-Time Equivalent (FTE)											
University of Utah[a]	9,262	50.5	5,472	29.9					3,597	19.6	18,331
Utah State University	5,229	54.7	2,916	30.5	220	2.3	52	0.5	1,143	12.0	9,560
Weber State College	5,224	65.5	1,349	16.9	1,207	15.1	149	1.9	42	0.5	7,971
Southern Utah State College	1,245	64.0	551	28.3	130	6.7	18	0.9			1,944
Snow College	1,032	86.4			163	13.6					1,195
Dixie College	1,047	71.9			410	28.1					1,457
College of Eastern Utah	368	54.0			313	46.0					681
Utah Technical College/Provo	589	16.0			3,089	84.0					3,678
Utah Technical College/ Salt Lake	427	10.7			3,563	89.3					3,990
Total FTE	24,423	50.0	10,288	21.1	9,095	18.6	219	0.4	4,782	9.8	48,807

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[a] Excludes medical students.

Note: Unknown undergraduates are considered to be freshmen.

TABLE 3
Utah System of Higher Education
Autumn Headcount Enrollment, Resident and Nonresident, By Institution
1975-76 Through 1980-81

	1975-76		1976-77		1977-78		1978-79		1979-80		1980-81	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
U of U												
Resident	18,705	84.3	17,965	84.5	18,427	85.8	18,101	86.0	18,742	86.8	20,122	89.1
Nonresident	3,475	15.7	3,300	15.5	3,060	14.2	2,944	14.0	2,861	13.2	2,460	10.9
Total	22,180		21,265		21,487		21,045		21,603		22,582	
USU												
Resident	6,117	67.1	5,924	65.0	5,980	63.4	6,004	65.1	6,192	66.8	6,854	69.0
Nonresident	2,996	32.9	3,189	35.0	3,456	36.6	3,224	34.9	3,074	33.2	3,085	31.0
Total	9,113		9,113		9,436		9,228		9,266		9,939	
WSG												
Resident	8,970	94.8	8,345	94.6	8,207	93.9	8,190	91.8	8,834	91.3	9,243	91.8
Nonresident	488	5.2	473	5.4	534	6.1	730	8.2	840	8.7	822	8.2
Total	9,458		8,818		8,741		8,920		9,674		10,065	
SUSC												
Resident	1,505	79.9	1,580	82.6	1,518	80.6	1,464	81.4	1,651	84.0	1,738	86.9
Nonresident	378	20.1	332	17.4	366	19.4	334	18.6	315	16.0	270	13.1
Total	1,883		1,912		1,884		1,798		1,966		2,058	
Snow												
Resident	769	88.0	804	85.2	857	85.0	842	85.7	946	83.9	1,071	83.5
Nonresident	108	12.0	140	14.8	151	15.0	141	14.3	181	16.1	212	16.5
Total	897		944		1,008		983		1,127		1,283	
Dixie												
Resident	919	78.3	1,059	78.9	1,096	78.7	1,162	78.8	1,364	85.8	1,533	85.6
Nonresident	255	21.7	284	21.1	296	21.3	312	21.2	225	14.2	257	14.4
Total	1,174		1,343		1,392		1,474		1,589		11,790	

TABLE 3 (Continued)

	1975-76		1976-77		1977-78		1978-79		1979-80		1980-81	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
CEU												
Resident	502	90.9	629	95.3	880	95.8	938	96.8	803	94.4	1,059	96.0
Nonresident	50	9.1	31	4.7	39	4.2	31	3.2	48	5.6	44	4.0
Total	552		660		919		969		851		1,103	
UTC/P												
Resident	3,131	91.2	3,456	89.0	3,398	89.6	3,473	87.0	3,520	85.2	3,863	86.2
Nonresident	303	8.8	425	11.0	395	10.4	517	13.0	610	14.8	618	13.8
Total	3,434		3,881		3,793		3,990		4,130		4,481	
UTC/SL												
Resident	5,964	98.6	6,043	98.1	6,331	98.0	6,334	97.6	5,722	97.8	5,853	98.6
Nonresident	83	1.4	115	1.9	132	2.0	153	2.4	126	2.2	84	1.4
Total	6,047		6,158		6,463		6,487		5,848		5,937	
USHE												
Resident	46,602	85.1	45,805	84.7	46,694	84.7	46,508	84.7	47,774	85.2	51,386	86.7
Nonresident	8,136	14.9	8,289	15.3	8,429	15.3	8,386	15.3	8,280	14.8	7,852	13.3
Total	54,738		54,094		55,123		54,894		56,054		59,238	

Note: All data is extended day for all years.

Source: USHE Enrollment Reports

TABLE 4A
Utah System of Higher Education
A Comparison of Autumn Headcount Enrollments
By Student Level and Residency, 1979 and 1980

	Entering Freshmen			Advanced Freshmen			Sophomores			Juniors		
	1979	1980	% Change	1979	1980	% Change	1979	1980	% Change	1979	1980	% Change
U of U												
Resident	2,446	2,482	1.5	3,663	4,182	14.2	2,924	3,256	11.4	2,650	2,928	10.5
Nonresident	534	393	(26.4)	318	340	6.9	442	386	(12.7)	361	265	(26.6)
Total	2,980	2,875	(3.5)	3,981	4,522	13.6	3,366	3,642	8.2	3,011	3,193	6.0
USU												
Resident	1,567	1,612	2.9	693	699	0.9	1,077	1,280	18.8	947	1,094	15.5
Nonresident	538	511	(5.0)	249	209	(16.1)	497	513	3.2	468	482	3.0
Total	2,105	2,123	0.9	942	908	(3.6)	1,574	1,793	13.9	1,415	1,576	11.4
WSC												
Resident	1,898	1,840	(3.1)	2,102	2,351	11.8	1,681	1,843	9.6	1,222	1,303	6.6
Nonresident	200	180	(10.0)	212	189	(10.8)	204	179	(12.3)	130	132	1.5
Total	2,098	2,020	(3.7)	2,314	2,540	9.8	1,885	2,022	7.3	1,352	1,435	6.1
SUSC												
Resident	475	463	(2.5)	334	378	13.2	283	333	17.7	234	272	16.2
Nonresident	128	88	(31.3)	71	63	(11.3)	52	57	9.6	35	39	11.4
Total	603	551	(8.6)	405	441	8.9	335	390	16.4	269	311	15.6
Snow												
Resident	556	716	28.8	145	140	(3.4)	245	204	(16.7)	--	--	--
Nonresident	123	129	4.9	36	51	41.7	22	43	95.5	--	--	--
Total	679	845	24.4	181	191	5.5	267	247	(7.5)	--	--	--
Dixie												
Resident	708	837	18.2	461	475	3.0	195	221	13.3	--	--	--
Nonresident	118	135	14.4	63	78	23.8	44	44	0.0	--	--	--
Total	826	972	17.7	524	553	5.5	239	265	10.9	--	--	--

TABLE 4A (Continued)

	Entering Freshmen			Advanced Freshmen			Sophomores			Juniors		
	1979	1980	% Change	1979	1980	% Change	1979	1980	% Change	1979	1980	% Change
EU												
Resident	471	530	12.5	201	354	76.1	131	175	33.6	--	--	--
Nonresident	33	21	(36.4)	5	13	160.0	10	10	0.0	--	--	--
Total	504	551	9.3	206	367	78.2	141	185	31.2	--	--	--
UTC/P												
Resident	1,288	1,236	(4.0)	1,551	1,665	7.4	681	960	41.0	--	--	--
Nonresident	218	231	6.0	244	251	2.9	148	138	(6.8)	--	--	--
Total	1,506	1,467	(2.6)	1,795	1,916	6.7	829	1,098	32.4	--	--	--
UTC/SL												
Resident	3,211	2,822	(12.1)	1,716	2,217	29.2	795	814	2.4	--	--	--
Nonresident	82	46	(43.9)	14	31	121.4	30	7	(76.7)	--	--	--
Total	3,293	2,868	(12.9)	1,730	2,248	29.9	825	821	(0.5)	--	--	--
USHE Totals												
Resident	12,620	12,538	(0.6)	10,866	12,461	14.7	8,012	9,086	13.4	5,053	5,597	10.8
Nonresident	1,974	1,734	(12.2)	1,212	1,252	1.1	1,449	1,377	(5.0)	994	918	(7.6)
Total	14,594	14,272	(2.2)	12,078	13,686	13.3	9,461	10,463	10.6	6,047	6,515	7.7

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[a] Assumes unknown evening students are entering freshmen.

Source: USHE Autumn Enrollment Reports.

TABLE 4B
Utah System of Higher Education
A Comparison of Autumn Headcount Enrollments
By Student Level and Residency, 1979 and 1980

	Seniors			Graduates			Unclassified[b]			Totals		
	1979	1980	% Change	1979	1980	% Change	1979	1980	% Change	1979	1980	% Change
U of U												
Resident	3,507	3,753	7.0	3,267	3,454	5.7	285	67	(76.5)	18,742	20,122	7.4
Nonresident	317	294	(7.3)	871	780	(10.4)	18	2	(88.9)	2,861	2,460	(14.0)
Total	3,824	4,047	5.8	4,138	4,234	2.3	303	69	(77.2)	21,603	22,582	4.5
USU												
Resident	1,244	1,264	1.6	607	793	30.6	57	112	96.5	6,192	6,854	10.7
Nonresident	579	561	(3.1)	637	691	8.5	106	118	11.3	3,074	3,085	0.4
Total	1,823	1,825	0.1	1,244	1,484	19.3	163	230	41.1	9,266	9,939	7.3
WSC												
Resident	1,822	1,832	0.5	106	94	11.3	--	--	--	8,831	9,263	4.9
Nonresident	97	121	24.7	--	1	--	--	--	--	843	802	(4.9)
Total	1,919	1,953	1.8	106	95	(10.4)	--	--	--	9,674	10,065	4.0
SUBC												
Resident	325	342	5.2	--	--	--	--	--	--	1,651	1,788	8.3
Nonresident	29	23	(20.7)	--	--	--	--	--	--	315	270	(14.3)
Total	354	365	3.1							1,966	2,058	4.7
Snow												
Resident	--	--	--	--	--	--	--	--	--	946	1,060	12.1
Nonresident	--	--	--	--	--	--	--	--	--	181	223	23.2
Total	--	--	--	--	--	--	--	--	--	1,127	1,283	13.8
Dixie												
Resident	--	--	--	--	--	--	--	--	--	1,364	1,533	12.4
Nonresident	--	--	--	--	--	--	--	--	--	225	257	14.2
Total	--	--	--	--	--	--	--	--	--	1,589	1790	12.6

TABLE 4B (Continued)

	Seniors			Graduates			Unclassified[b]			Totals		
	1979	1980	% Change	1979	1980	% Change	1979	1980	% Change	1979	1980	% Change
CEU												
Resident	--	--	--	--	--	--	--	--	--	803	1,059	31.9
Nonresident	---	--	--	--	--	--	--	--	--	48	44	(8.3)
Total	--	--	--	--	--	--	--	--	--	851	1,103	29.6
UTC/P												
Resident	--	--	--	--	--	--	--	--	--	3,520	3,861	9.7
Nonresident	--	--	--	--	--	--	--	--	--	610	620	1.6
Totals	--	--	--	--	--	--	--	--	---	4,130	4,481	8.5
UTC/SL												
Resident	--	--	--	--	--	--	--	--	--	5,722	5,853	2.3
Nonresident	--	--	--	--	--	--	--	--	--	126	84	(33.3)
Total	--	--	--	--	--	--	--	--	--	5,848	5,937	1.5
USHE Totals												
Resident	6,898	7,191	4.2	3,980	4,341	9.1	342	179	(47.7)	47,774	51,393	7.6
Nonresident	1,022	999	(2.3)	1,508	1,472	(2.4)	124	120	(3.2)	8,280	7,845	(5.3)
Total	7,920	8,190	3.4	5,488	5,813	5.9	466	299	(35.8)	56,054	59,238	5.7

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[b] Undergraduates only

Source: USHE Autumn Enrollment Reports.

TABLE 5
Utah System of Higher Education
A Summary of Autumn FTE Extended Day Enrollments, By Institution,
1976-77 Through 1980-81

Institution	1976-77	1977-78	1978-79	1979-80	1980-81
University of Utah[1]	18,339	18,338	17,675	17,874	18,331
Utah State University	8,956	9,285	8,813	8,982	9,560
Weber State College	6,917	6,831	6,875	7,477	7,971
Southern Utah State College	1,794	1,768	1,722	1,834	1,944
Snow College	920	1,018	973	1,103	1,195
Dixie College	1,174	1,201	1,192	1,175	1,457
College of Eastern Utah	526	641	612	622	681
Utah Technical College at Provo	2,980	2,896	2,869	3,212	3,678
Utah Technical College at Salt Lake	3,872	3,979	3,717	3,777	3,990
Total USHE	45,478	45,957	44,448	46,056	48,807

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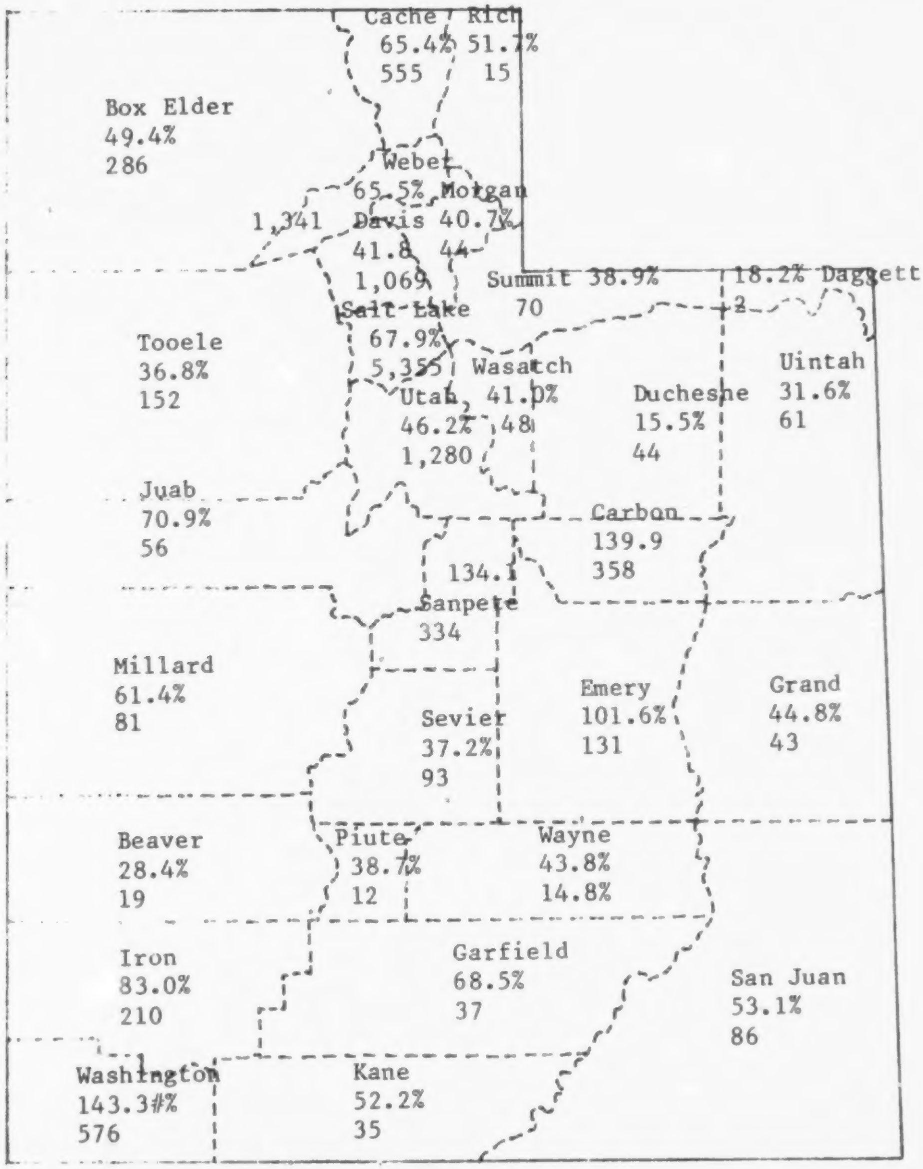
[1] Excludes medical students.

Source: Autumn Enrollment Reports

TABLE 6
Utah Residents Entering as Freshmen[1], Autumn Headcount 1980 As a Percentage of Utah High School Graduates By County, Spring 1980


Cache
65.4%
555
Rich
51.7%
15
Box Elder
49.4%
286
Weber
65.5%
1,341
Morgan
40.7%
44
Davis
41.8
1,069
Summit 38.9%
70
18.2% Daggett
2
Salt Lake
67.9%
5,355
Tooele
36.8%
152
Wasatch
41.0%
48
Utah
46.2%
1,280
Duchesne
15.5%
44
Uintah
31.6%
61
Juab
70.9%
56
Carbon
139.9
358
134.1
Sanpete
334
Millard
61.4%
81
Emery
101.6%
131
Grand
44.8%
43
Sevier
37.2%
93
Beaver
28.4%
19
Piute
38.7%
12
Wayne
43.8%
14.8%
Iron
83.0%
210
Garfield
68.5%
37
San Juan
53.1%
86
Washington
143.3#%
576
Kane
52.2%
35

---

[1] Includes Utah System of Higher Education. The number of entering freshmen may be larger than the number of high school graduates in any one county because of residency changes and delayed entrance from prior years.

Source: USHE Autumn Enrollment Report.

TABLE 7
Utah System of Higher Education
Utah Counties Providing Greatest Resident Enrollment Percentage, Autumn Headcount,[1] 1980-81 By Institution

A. Universities

University of Utah

1.	Salt Lake	12,537	62.3%
2.	Davis	1,461	7.3%
3.	Weber	516	2.6%
4.	Utah	405	2.0%
5.	Tooele	155	0.8%
6.	Box Elder	110	0.5%
7.	All Others	4,938	24.5%
	Total	20,122	100.0%

Utah State University

1.	Cache	3,011	43.9%
2.	Salt Lake	1,034	15.1%
3.	Box Elder	530	7.7%
4.	Davis	489	7.1%
5.	Weber	408	6.0%
6.	Utah	378	5.5%
7.	All Others	1,004	14.6%
	Total	6,854	100.0%

Southern Utah State

1.	Iron	831	46.5%
2.	Salt Lake	230	12.9%
3.	Washington	154	8.6%
4.	Utah	79	4.4%
5.	Sevier	78	4.4%
6.	Garfield	75	4.2%
7.	All Others	341	19.1%
	Total	1,788	100.0%

College of Eastern Utah

1.	Carbon	671	63.4%
2.	Emery	166	15.7%
3.	Salt Lake	90	8.5%
4.	Utah	37	3.5%
5.	San Juan	33	3.1%
6.	Weber	10	0.9%
7.	All Others	52	4.9%
	Total	1,059	100.0%

B. Four-Year Colleges

Weber State College

1.	Weber	5,595	61.0%
2.	Davis	2,231	24.3%
3.	Salt Lake	374	4.1%
4.	Box Elder	340	3.7%
5.	Morgan	123	1.3%
6.	Cache	75	0.8%
7.	All Others	431	4.7%
	Total	9,169	100.0%

C. Two-year Colleges

Snow College

1.	Sanpete	413	39.0%
2.	Salt Lake	189	17.8%
3.	Utah	142	13.4%
4.	Sevier	41	3.9%
5.	Davis	41	3.9%
6.	Tooele	32	3.0%
7.	All Others	202	19.1%
	Total	1,060	100.0%

Dixie College

1.	Washington	950	62.0%
2.	Salt Lake	206	13.4%
3.	Utah	87	5.7%
4.	Davis	68	4.4%
5.	Weber	38	2.5%
6.	Kane	20	1.3%
7.	All Others	164	10.7%
	Total	1,533	100.0%

D. Vocational-Technical Colleges

Utah Technical College/Provo

1.	Utah	3,140	81.3
2.	Salt Lake	153	4.0%
3.	Wasatch	66	1.7%
4.	Sevier	57	1.5%
5.	Millard	48	1.2%
6.	Juab	42	1.1%
7.	All Others	355	9.2%
	Total	3,861	100.0%

Utah Technical College/Salt Lake

1.	Salt Lake	5,361	91.6%
2.	Davis	234	4.0%
3.	Tooele	93	1.6%
4.	Utah	41	0.7%
5.	Weber	25	0.4%
6.	Summit	14	0.2%
7.	All Others	85	1.5%
	Total	5,853	100.0%

---

[1] Extended day

Note: Utah students of undetermined residence are included in "all other."

Source: Autumn Enrollment Reports.

TABLE 8A
Utah System of Higher Education
States and Foreign Countries Providing the Largest Number of Nonresident Students
By Institutions, Autumn Headcount, 1980-81

Place of Residence	U of U[1]		USU		WSC		SUSC		Snow	
	No.	%	No.	%	No.	%	No.	%	No.	%
I. Nonresident Students										
A. United States										
1. California	400	21.5	339	15.8	112	25.2	42	17.6	28	16.8
2. Idaho	129	6.9	397	18.5	28	6.3	9	3.8	10	6.0
3. Nevada	80	4.3	82	3.8	15	3.4	116	48.7	15	9.0
4. Illinois	122	6.6	125	5.8	20	4.5	1	0.4	1	0.6
5. Wyoming	69	3.7	107	5.0	48	10.8	4	1.7	4	2.4
6. New York	108	5.8	107	5.0	25	5.6	2	0.8	7	4.2
7. Colorado	81	4.4	87	4.1	20	4.5	2	0.8	20	12.0
8. Arizona	26	1.4	19	0.9	16	3.6	23	9.7	18	10.8
9. Washington	49	2.6	40	1.9	25	5.6	1	0.4	3	1.8
10. Ohio	45	2.4	73	3.4	7	1.2	--	--	3	1.8
11. New Jersey	39	2.1	73	3.4	2	0.4	3	1.3	6	3.6
12. Michigan	60	3.2	35	1.6	3	0.7	--	--	1	0.6
13. Pennsylvania	45	2.4	55	2.6	6	1.3	--	--	4	2.4
14. All Others[2]	608	32.7	609	28.4	118	26.5	35	14.7	47	28.1
Total U.S.	1,861	100.0	2,148	100.0	445	100.0	238	100.0	167	100.0

TABLE 8A (cont'd)

Place of Residence	U of U[1]		USU		WSC		SUSC		Snow	
	No.	%	No.	%	No.	%	No.	%	No.	%
B. Foreign										
1. Iran	131	21.9	251	26.8	149	41.9	14	43.8	8	14.3
2. Taiwan	78	13.0	72	7.7	1	0.3	--	--	--	--
3. Japan	13	2.2	83	8.9	11	3.1	4	12.5	13	23.2
4. Saudi Arabia	5	0.8	34	3.6	65	18.3	--	--	--	--
5. Canada	27	4.5	30	3.2	5	1.4	1	3.1	2	3.6
6. Norway	31	5.2	1	0.1	28	7.9	--	--	--	--
7. Venezuela	7	1.2	36	3.8	5	1.4	--	--	3	5.4
8. India	31	5.2	20	2.1	4	1.1	--	--	--	--
9. Korea	19	3.2	18	1.9	14	3.9	--	--	--	--
10. Bolivia	6	1.0	36	3.8	1	0.3	--	--	1	1.8
11. Hong Kong	18	3.0	25	2.7	2	0.6	--	--	--	--
12. Thailand	13	2.2	15	1.6	8	2.2	--	--	4	7.1
13. Jordan	3	0.5	20	2.1	7	2.0	--	--	4	7.1
14. All Others	217	36.2	296	31.6	56	15.7	13	40.6	21	37.5
Total Foreign	599	100.0	937	100.0	356	100.0	32	100.0	56	100.0
Total Nonres.	2,460	10.9	3,085	31.0	801	8.0	270	13.1	223	17.4
II. Utah Residents	20,122	89.1	6,854	69.0	9,169	92.0	1,788	86.9	1,060	82.6
Ttl. Enrollment	22,582	100.0	9,939	100.0	9,970	100.0	2,058	100.0	1,283	100.0

---

[1] Excludes medical students.

[2] Including unknown nonresidents

Source: Autumn Enrollment Reports, 1980.

TABLE 8B
Utah System of Higher Education
States and Foreign Countries Providing the Largest Number of Nonresident Students
By Institutions, Autumn Headcount, 1980-81

Place of Residence	Dixie		CEU		UTC/P		UTC/SL		USHE	
	No.	%	No.	%	No.	%	No.	%	No.	%
I. Nonresident Students										
A. United States										
1. California	34	15.9	--	--	157	30.2	5	12.2	1,117	19.7
2. Idaho	12	5.6	4	11.1	49	9.4	7	17.1	645	11.4
3. Nevada	112	52.3	4	11.1	28	5.4	3	7.3	455	8.0
4. Illinois	3	1.4	--	--	10	1.9	1	2.4	283	5.0
5. Wyoming	4	1.9	1	2.8	33	6.3	4	9.8	274	4.8
6. New York	--	--	--	--	10	1.9	1	2.4	260	4.6
7. Colorado	5	2.3	2	5.6	23	4.4	1	2.4	241	4.3
8. Arizona	23	10.7	1	2.8	35	6.7	8	19.5	169	3.0
9. Washington	3	1.4	1	2.8	22	4.2	--	--	144	2.5
10. Ohio	--	--	1	2.8	4	0.8	--	--	133	2.3
11. New Jersey	1	0.5	--	--	2	0.4	--	--	126	2.2
12. Michigan	1	0.5	13	36.1	5	1.0	--	--	118	2.1
13. Pennsylvania	--	--	1	2.8	7	1.3	--	--	118	2.1
14. All Others[2]	16	7.5	8	22.2	135	26.0	11	26.8	1,587	28.0
Total U.S.	214	100.0	36	100.0	520	100.0	41	100.0	5,670	100.0

TABLE 8B (cont'd)

Place of Residence	Dixie		CEU		UTC/P		UTC/SL		USHE	
	No.	%	No.	%	No.	%	No.	%	No.	%
B. Foreign										
1. Iran	--	--	1	12.5	8	8.0	25	58.1	587	27.0
2. Taiwan	--	--	--	--	2	2.0	--	--	153	7.0
3. Japan	11	25.6	--	--	7	7.0	2	4.7	144	6.6
4. Saudi Arabia	1	2.3	--	--	--	--	--	--	105	4.8
5. Canada	3	7.0	--	--	24	24.0	1	2.3	93	4.3
6. Norway	--	--	2	25.0	1	1.0	--	--	63	2.9
7. Venezuela	--	--	--	--	4	4.4	1	2.3	56	2.6
8. India	--	--	--	--	--	--	--	--	55	2.5
9. Korea	--	--	--	--	--	--	--	--	51	2.3
10. Bolivia	1	2.3	--	--	3	3.0	--	--	48	2.2
11. Hong Kong	1	2.3	--	--	1	1.0	1	2.3	48	2.2
12. Thailand	1	2.3	--	--	1	1.0	2	4.7	44	2.0
13. Jordan	--	--	--	--	--	--	--	--	34	1.6
14. All Others	25	58.1	5	62.5	49	49.0	11	25.6	693	31.9
Total Foreign	43	100.0	8	100.0	100	100.0	43	100.0	2,174	100.0
Total Nonres.	257	14.4	44	4.0	620	13.8	84	1.4	7,844	13.3
II. Utah Residents	1,533	85.6	1,059	96.0	3,861	86.2	5,853	98.6	51,299	86.7
Ttl. Enrollment	1,790	100.0	1,103	100.0	4,481	100.0	5,937	100.0	59,143	100.0

---

[2] Including unknown nonresidents

Source: Autumn Enrollment Reports, 1980.

TABLE 9

Utah System of Higher Education
Public and Private Veteran Enrollments[a]
1976-77 Through 1980-81

	1976-77		1977-78		1978-79		1979-80		1980-81	
	Number Veterans Enrolled	Percentage of Total Enrollment	Number Veterans Enrolled	Percentage of Total Enrollment	Number Veterans Enrolled	Percentage of Total Enrollment	Number[b] Veterans Enrolled	Percentage of Total Enrollment	Number Veterans Enrolled	Percentage of Total Enrollment
University of Utah	1,358	6.39	1,614	7.51	1,014	4.82	1,000	4.63	857	3.80
Utah State University	487	5.34	542	5.74	384	4.16	383	4.13	332	3.34
Weber State College	2,108	23.91	1,872	21.42	1,580	17.71	1,589	16.43	1,344	13.35
Southern Utah State College	157	8.21	139	7.38	75	4.17	101	5.14	75	3.64
Snow College	41	4.34	27	2.68	11	1.12	6	.53	13	1.01
Dixie College	51[c]	3.80	66	4.74	28	1.90	33	2.08	36	2.01
College of Eastern Utah	25	3.79	39	4.24	26	2.68	41	4.82	34	3.08
Utah Technical College/Provo	247	6.36	378	9.97	225	5.64	335	8.11	365	8.15
Utah Technical College/SLC	1,038	16.86	795	12.30	804	12.39	780	13.34	611	10.29
Total Public	5.512	10.19	5,472	9.93	4,147	7.56	4,268	7.61	3,667	6.19
Brigham Young University	1,236	4.68	1,131	4.21	1,055	3.85	990	3.68	728	2.62
Westminster College	88	7.69	382	26.09	90	6.29	50	1.91	50	4.77
LDS Business College	121[c]	12.12	105	12.44	87	7.13	60	5.06	51	4.44
Stevens Henager College/Ogden	126	24.37	76	15.42	60	8.97	36	16.00	38	11.91
Stevens Henager College/Provo	--	--	2	1.11	8	2.64	12	3.67	16	4.61
Columbia College[d]	--	--	43	97.73	4	6.90	12	17.14	7	16.67
Total Private	1,571	5.4	1,739	5.82	1,304	4.20	1,160	4.06	890	2.90
Total--All Schools	7,083	8.5	7,211	8.48	5,451	6.34	5,428	6.42	4,557	5.07

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[a] Autumn Quarter Extended Day Headcount Enrollment.
[b] 1979-80 data on public schools taken completely from Autumn Enrollment Reports.
[c] Number of veteran students enrolled Winter Quarter, 1977.
[d] Did not exist prior to 1977-78 school year.

Sources: Autumn Enrollment Reports, 1976-77 through 1980-81, and Institutional Reports of Veteran Students, 1976-77 through 1980-81.

TABLE 10
Utah Sytem of Higher Education
Percentages of Veteran Student Enrollees and Graduates[a]
1980-81

	No. Veteran Students Enrolled	Percentage of Total Enrollment	No. Veteran Students Graduated	Percentage of Total Graduation
Total for V.A.- approved Institutions	5,086	4.89	963	4.50
Public Universities and Colleges	3,667	6.19	609	6.25
University of Utah	857	3.80	134	3.64
Utah State University	332	3.34	44	2.39
Weber State College	1,344	13.35	224	13.01
Southern Utah State College	75	3.64	21	6.46
Snow College	13	1.01	4	1.24
Dixie College	36	2.01	2	.74
College of Eastern Utah	34	3.08	3	2.40
Utah Technical College at Provo	365	8.15	46	7.34
Utah Technical College at Salt Lake	611	10.29	131	15.71
Private Universities and Colleges	890	2.90	63	1.01
Brigham Young University	728	2.62	32	.56
Westminster College	50	4.77	15	6.49
LDS Business College	51	4.44	6	4.05
Stevens Henager College/Ogden	38	11.91	6	6.45
Stevens Henager College/Provo	16	4.61	3	4.11
Columbia College	7	16.67	1	33.33
Adult Public High School Diploma Programs	9	.24	6	.89
Alpine School District	0	--	0	--
Granite School District	1	.04	1	.27
Jordan School District	0	--	0	--
Ogden School District	1	.14	1	.79
South Park Academy	7	2.57	4	8.16

TABLE 10 (cont'd)

	No. Veteran Students Enrolled	Percentage of Total Enrollment	No. Veteran Students Graduated	Percentage of Total Graduation
Public and Proprietary Vocational Schools	520	5.01	285	5.99
Aviation Schools	87	49.15	38	45.24
Barber and Cosmetology Schools	23	2.21	10	2.34
Medical and Dental Schools	144	19.86	114	32.57
Trade and Technical Schools	266	3.15	123	3.15

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[a] These figures were calculated on total year headcount numbers.

Sources: Autumn Enrollment Reports, 1980-81; and Institutional Reports of Veteran Students, 1980-81.

VI. CAPITAL FACILITIES

In formulating the capital facilities recommendations to the 1982 Legislature, the State Board of Regents reviewed carefully the estimates of cost of the capital development projects. The nine projects recommended by the Commissioner were reduced from institutional requests totalling $53,868,000 to $36,383,000, for a reduction of 32.5%.

As illustrated by Table I, the 1982 Legislature took action to fund $3,807,000 of capital improvement projects and $10,266,000 in capital development projects for higher education. The $14,073,000 received by higher education was 35.4% of the $39,679,000 appropriated for all of state government for capital facilities needs.

Table II reviews the history of capital facilities funding for higher education from 1976, when the statewide funds for code compliance procedures first began, to the present.

TABLE 1 Summary of Capital Facilities Appropriations 1982 Legislature. p. 146.

TABLE 2 State of Utah Bonded and Appropriated Funds for Capital Facilities, 1976-1982. p. 147.

TABLE 1
Summary of Capital Facilities Appropriations
1982 Legislature

	Capital Improvements		Capital Development		Total Capital Appropriations	
U of U	$1,615,000	42.4%	2,500,000	24.4	4,115,000	29.2
USU	1,041,000	27.3	5,636,000	54.9	6,677,000	47.4
WSC	457,000	12.0	1,100,000	10.7	1,557,000	11.1
SUSC	300,000	7.9	430,000	4.2	730,000	5.2
SNOW	71,000	1.9	600,000	5.8	671,000	4.7
DIXIE	61,000	1.6	0	0	61,000	.4
CEU	78,000	2.0	0	0	78,000	.6
UTC-P	105,000	2.7	0	0	105,000	.7
UTC-SL	79,000	2.1	0	0	79,000	.6
USHE Total	3,807,000	99.9	10,266,0002	100	14,073,000	99.9
State Total	7,036,000[1]		32,643,000[2]		39,679,000	
USHE of State Total		54.1		31.4		35 .4

[1] $9,536,400 less $2,500,000 for Code Compliance, Roofs and Parking Lots in which higher education will share in some unknown amount. Higher education may receive more (or less) of the $1,000,000 Energy Conservation Implementation than those projects removed from the Regents' priorities. The assumption of this table is that higher education will receive exactly the amount of the transferred priorities ($431,000).

[2] $20,619,600 General Fund, plus $9,523,000 Supplemental General Fund, plus $2,500,000 Mineral Lease funds.

TABLE 2
State of Utah Bonded and Appropriated Funds for Capital Facilities
1976-1982

Inst.	1976	1977	1978	1979	1980	1981	1982	Code Comp.	Total	%
U of U	0	1,243,000	860,118	6,293,000	1,451,600	1,701,000	4,115,000	1,765,900	17,429,618	35.02
USU	0	667,000	1,144,800	350,000	1,080,000	1,185,000	6,677,000	1,496,750	12,600,550	25.31
WSC	0	308,100	2,713,050	0	2,881,684	446,000	1,557,000	83,150	7,988,984	16.05
SUSC	1,750,000	170,000	436,000	431,000	130,000	391,000	730,000	231,150	4,269,150	8.53
SNOW	0	611,000	0	10,000	60,000	98,000	671,000	271,742	1,721,742	3.46
DIXIE	447,000	170,000	739,000	280,000	1,306,000	160,000	61,000	127,350	3,290,350	6.61
CEU	343,000	56,600	436,000	0	560,867	43,000	78,000	68,050	1,585,517	3.19
UTC/P	41,333*	8,830*	35,000	161,301*	28,000	43,000	105,000	76,750	499,214	1.00
UTC/SL	0	0	255,000	0	0	0	79,000	57,600	391,600	0.79
	2,581,333	3,234,530	6,618,968	7,525,301	7,498,151	4,067,000	14,073,000**	4,178,442	49,776,725	99.96

Source: Utah State Building Board records (based on Utah Code Annotated)

Note: Funds listed include supplemental appropriations and exclude funds not actually received by institutions.

* Interest on $8.0 million appropriation - 1976: ($41,333); 1977: ($8,830); 1978-79: ($161,301); Total: ($211,364).

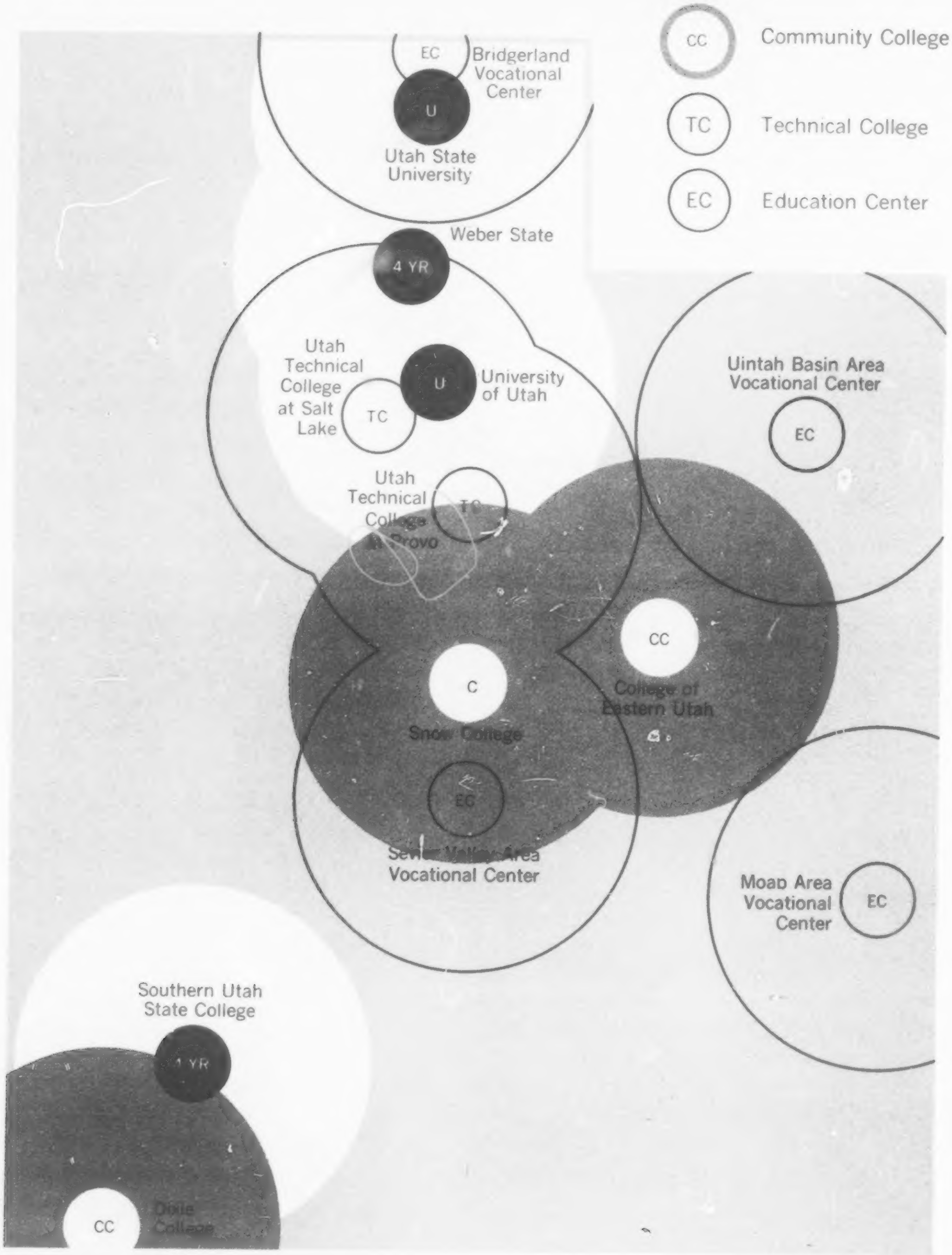
** Includes estimated allocations of energy conservation funds appropriated to the Building Board but excludes higher education allocations for code compliance, roof repairs and parking lot repairs in which higher education will share in an unknown amount during 1982-83.

VII. PROFILES OF MEMBER INSTITUTIONS

Utah's Colleges and Universities

50 Mile Radius of a Higher Education Facility

- 4 yr — 4 Year College
- U — University
- CC — Community College
- TC — Technical College
- EC — Education Center


EC
Bridgerland Vocational Center
U
Utah State University
Weber State
4 YR
Utah Technical College at Salt Lake
TC
U
University of Utah
Uintah Basin Area Vocational Center
EC
Utah Technical College at Provo
TC
CC
College of Eastern Utah
C
Snow College
EC
Sevier Valley Area Vocational Center
Moab Area Vocational Center
EC
Southern Utah State College
4 YR
CC
Dixie College

University of Utah (1850) Salt Lake City
President: David P. Gardner
Administrative Offices: John R. Park Building
Salt Lake City, Utah 84112

The University of Utah was chartered in 1850 as the University of Deseret and rechartered in 1894 under the present name. First instruction was offered in 1850, and the first baccalaureate degree was awarded in 1884. The University, with a present enrollment of 19,618 undergraduate students and 3,755 graduate students, offers degree programs through 15 colleges and professional schools and a graduate school. Sponsored research and training programs were funded to a total of $60.2 million in 1980-81, one of the highest figures in the nation. An additional $7.6 million was granted the University Research Institute. The 1,422-acre campus contains 160 permanent buildings and a research park.

Defined Role — The University is the state's oldest and largest public institution of higher education and offers the following degrees: Doctor of Philosophy, Business, Education, Medicine, Pharmacy, Social Work; Juris Doctor; Master of Philosophy; Education Specialist; Master of Architecture, Arts, Business Administration, Education, Engineering, Engineering Administration, Fine Arts, Music, Professional Accountancy, Public Administration, Science, Social Work, Statistics. Undergraduate degrees: Bachelor of Arts, Fine Arts, Music, Science, University Studies. The University is a primary center of university research and of graduate and professional education in the college and degree programs now authorized.

Divisions — Graduate School of Architecture, Graduate School of Business and College of Business, Graduate School of Education, College of Engineering, College of Fine Arts, College of Health, College of Humanities, College of Law, School of Medicine, College of Mines and Mineral Industries, College of Nursing, College of Pharmacy, College of Science, College of Social and Behavioral Science, Graduate School of Social Work, Graduate School, Division of Continuing Education, Utah Museum of Fine Arts, and Utah Museum of Natural History.

Calendar — Four-quarter system. Freshmen admitted for quarters beginning September, January, March, and June. Degrees conferred in June.

Admission Freshmen applications may be submitted after completion of the sixth semester of high school. ACT is required for all entering freshmen from high school, but SAT may be submitted from out-of-state applicants. Other applications must be submitted by published deadlines which are at least 30 days prior to registration date.

Fees Resident: Full-time tuition and fees $876 per academic year. Non-resident: $2,328 per academic year. For School of Medicine see current General Catalog. On-campus room and board ranges from approximately $2,232 for double room to $2,829 for single room per nine-month school year. This includes room, meal service and telephone.

Student Financial Aid Some 8,000 scholarships, loans, and grants of various kinds are awarded to undergraduate and graduate students. The University participates in National Direct Student Loans, Supplemental Educational Opportunity Grants, Pell Grants, and College Work Study programs. All applications for aid based on merit only must be received by February 1 to be considered for the following autumn quarter. Applications for aid based on need must be received at least 90 days prior to the beginning of the quarter for which aid is requested. Financial Aid Form is required from parents of a student dependent. Married and independent students must also file a Financial Aid Form.

Special Academic Programs Early admission and concurrent registration in university courses for qualified high school students; honors program with interdepartmental courses and special seminars; Bachelor of University Studies (self-designed interdisciplinary degree program); liberal education "Utah Plan" grouping students in liberal education exploratory courses; National Student Exchange program allowing sophomores and juniors to study at another university in the U.S.; various study-abroad programs, summer or academic year.

Student Life University residence halls house 1,237 single students; married student housing has 943 apartments (one to three bedrooms); and the Medical Towers have 151 apartments for students in medicine and allied fields. All housing areas have adequate parking facilities for the occupants. The fraternity and sorority system provides accommodations for members of their respective houses. There are 12 fraternities and nine sororities presently active.

R.O.T.C. Air Force optional for two years; Army, Navy optional for two or four years.

Utah State University (1888) Logan
President: Stanford Cazier
Administrative Offices: Old Main,
Logan, Utah 84322

Chartered as Agricultural College of Utah 1888; first instruction 1890; first baccalaureate 1894. Name changed to Utah State Agricultural College in 1929, to present official name, Utah State University of Agricultural and Applied Science 1957.

Defined Role Utah State University is Utah's land-grant university under state legislation, Congressional enactments of 1862, 1867 and subsequent years. Utah State University is one of two major universities serving the State System of Higher Education. It includes a Division of Extension and Continuing Education and the Utah Agricultural Experiment Station under supporting federal legislation; colleges of Agriculture, Business, Education, Engineering, Family Life, Humanities-Arts-Social Sciences, Natural Resources, and Science; a School of Graduate Studies; a Summer School; a Division of International Studies and Programs. Programs of undergraduate, master's and doctoral instruction and research in these colleges as authorized receive emphasis, together with programs related to agriculture, land, water, forestry, food sciences, the development and maintenance of natural resources. Utah State University is a primary center of university research, of graduate and professional education, in the fields authorized and assigned to it.

Calendar Quarter system. Regular session late September to early June. Freshmen admitted beginning each quarter. Degrees conferred in June. Summer session: eight weeks, mid-June to mid-August.

Admission Applications should be submitted at least one month before registration.

Fees Resident: Full-time tuition and fees (figured on a graduated tuition schedule) would be $262 per quarter for 15 credit hours or $786 per school year. Non-resident: Full-time tuition and fees average $701 per quarter or $2,103 per year. On-campus room and board averages $1835 per school year. Books and supplies about $400 per year. Married housing available.

Student Financial Aid Varied scholarships along with the National Direct Student Loan, Educational Opportunity Grant, Basic Opportunity Grant, Student Work Study, and Guaranteed Student Loan programs are offered. Maximum freshman aid is about $4,500. Applications for scholarships are due February 1, and applications for all other aid are due March 15. A Financial Aid Form is required for all financial aid, but not for scholarships.

Special Academic Programs Substantial research programs make an important contribution to the educational effort. They bring to light new knowledge, and at the same time provide research opportunities for graduate students. In addition, the research effort assists undergraduate education to a major degree, because many undergraduate students are able to participate in research projects with faculty and graduate students.

The Office of International Programs and Studies facilitates research and development activities in a number of overseas locations. Special programs to provide language training and other development of overseas capabilities are also sponsored. The Intensive English Language Institute assists international students to gain language capability for academic work. There are also opportunities for foreign study by university students.

Internships and cooperative education programs provide students with the opportunity to enrich their job training in connection with academic work.

Utah State provides the student the opportunity to individualize his bachelor's degree. Regular classwork can be combined with CLEP credits, advanced placement, special examination and other experiences in accumulating credits for a degree.

With the completion of the Kellogg Life Span Learning Complex, extensive offerings in meetings, conferences, classes, short courses, workshops and other academic programs for credit and non-credit are enhanced.

Continuing Education Centers in the Uintah Basin and in Southeastern Utah provide resident instructional programs leading to degrees and teacher certification for residents of those areas. A resident instructional staff is supplemented by a teaching staff brought to the areas from the Logan campus. Many other extension courses are offered at numerous locations throughout the state.

Degree Requirements For all bachelor's degrees, minimum 186 quarter units; approved general education courses; 60 upper division units; a professional component of approximately 122 units which includes the major, certification requirements, and all ancillary course work; 2.0 average on 4.0 scale; minimum residents 45 units including 15 of last 60. (See catalog for specific degree requirements.)

Student Life The University provides housing facilities for approximately 26 percent of the total student enrollment. Fraternities and sororities are available to students, and some of their members are housed in organizational housing. Cars permitted. University sponsors lyceum and concert series, drama and music programs. Logan (population 30,000) is 81 miles north of Salt Lake City and situated in beautiful Cache Valley (population 58,000).

R.O.T.C. Army, Air Force; optional 2 or 4 years.

Weber State College (1889) Ogden
President: Rodney H. Brady
Administrative Offices: Ogden, Utah 84408

Established as Weber Stake Academy by the Church of Jesus Christ of Latter-day Saints 1889, first instruction at college level 1916; became junior college 1923; state institution 1933; four-year college 1963; first baccalaureate 1964. Name change to Weber Academy 1908, Weber Normal College 1918; Weber College 1923; present name 1963.

Defined Role Weber State College serves the System as a large four-year college near the center of state population. It offers undergraduate liberal education in the arts and sciences, authorized professional work in education, business, economics, allied health and technology for trade-technical education, plus an active continuing education program. It also offers a Master of Education degree which is intended to serve primarily in-service teachers from the public schools. The technical education program provides a variety of technical and paraprofessional work leading to baccalaureate degrees. Weber State College serves as a valuable source of professional and graduate students for transfer to the System's universities in Logan and Salt Lake City. Weber State College is also a significant receiving institution, having the capacity to accept undergraduate transfer students from the System's two technical colleges located nearby on the Wasatch Front as well as from the junior colleges and all four-year institutions.

Calendar Quarter system. Regular session late September to early June. Freshmen admitted beginning each quarter. Degrees conferred quarterly. Summer quarter of eight weeks, mid-June to mid-August.

Admission Applications should be submitted after sixth semester of high school, at least 30 days before registration.

Fees Resident: Full-time tuition and fees $235 per quarter. Non-resident: $595 per quarter.

Student Financial Aid The financial aids available consist of grants, loans, scholarships and opportunities of work. The aid includes Basic Educational Opportunity Grant, Supplemental Educational Opportunity Grant, National Direct Student Loan, Guaranteed Student Loan, College Work-Study, Nursing Loan, State Student Incentive Grant, scholarships, etc. Approximately twenty-five percent of the enrollment receives some type of financial aid. Deadline for scholarships is February 1. Deadline for other programs is September 1 in order to insure assistance being available to registration time. Later applications are processed on a rolling basis as received. The Financial Aid Form is required.

Degree Requirements For bachelor of arts, bachelor of science and bachelor of general studies degrees: 183 quarter credit hours - 17-19 quarter credit hours of specific course requirements; 40 quarter credit hours of general area requirements; 60 upper division credit hours; 40-60 credit hours in a major; 20 (minimum) in minor: 2.0 average on a 4.0 scale minimum requirement; resident 45 credit hours including one quarter of senior year. For teacher education: 2.25 average. Associate degrees, institutional diplomas, and institutional certificates are awarded for special programs.

Student Life — College resident halls house 144 women students in apartment-type facilities and 546 men and women in board and room facilities. No facilities on campus for married students. Some 8% of men and 9% of women join seven fraternities and five sororities. Cars permitted. College sponsors convocation series, art shows, drama, operas, musical programs, and many other community programs. Metropolitan Ogden (population 142,000) is 35 miles north of Salt Lake City.

Southern Utah State College (1897) Cedar City
President: Gerald R. Sherratt
Administrative Offices: Cedar City, Utah 84720

Established as Branch Normal School of University of Utah and first instruction 1897; transferred to Utah State Agricultural College and name changed to Branch Agricultural College of Utah 1913; first baccalaureate awarded 1950; name changed to College of Southern Utah 1953; became independent institution 1965; present name adopted 1969.

Defined Role — Southern Utah State College provides an educational opportunity within the Utah System of Higher Education for those whose needs are best served in a small, personal four-year comprehensive college with its residential life and sense of community. The College is authorized to offer courses leading to the baccalaureate degree in the arts and sciences, in teacher education, business and technology. The College offers approved pre-professional programs, certified programs in vocational and technical subjects, and agricultural subjects approved by the Board. It also cooperates with Utah State University in offering a Master of Education degree, serving primarily in-service teachers in the public schools, and Master of Social Science degree, emphasizing

	public administration. Opportunities exist in continuing education, also in community service and development commensurate with its approved curriculum and resources.
Calendar	Quarter system. Regular session late September to early June. Students admitted September, January, March. Degrees conferred in June. Summer session: two 4 week terms, early June to early August.
Admission	A ten dollar fee is required. Applications should be submitted before registration. Achievement tests are encouraged but not required.
Fees	Resident: Full-time tuition and fees, $228 per quarter. Non-resident: $574 per quarter. On-campus room and board from $1,395 to $1,545 per year; room only $510 per year. ($50 deposit with application.)
Student Financial Aid	All scholarship applications should be received prior to March 1 to be considered for awards the next autumn. The College participates in the National Direct Student Loans, Supplemental Educational Opportunity Grant, Basic Educational Opportunity Grant, Pell Grant, and the College Work Study programs. Applications for these programs should be submitted by June 1. Nearly two-thirds of all undergraduates receive some aid annually. The College Scholarship Service (CSS) Financial Aid Form is required.
Degree Requirements	For degrees: 183 quarter units; 55 units general education; 40-65 units in major, 22-35 in minor, and 62-90 for composite major. Students may earn up to 46 hours of credit of class waivers through a combination of advanced placement programs, CLEP, and other special examinations. See catalog for further details.
Student Life	Twenty percent of students live in residence halls. There are campus apartments for married couples. Cars permitted. College sponsors annual Utah Shakespearean Festival. Theatre and art shows are jointly sponsored by community and school. Intercollegiate sports: men's and women's basketball and rodeo; men's football, baseball, track, and golf; women's volleyball, gymnastics, and softball. Major student activities: student government, theatre, forensics, skiing, hiking, religious and social

organizations, intramural sports, yearbook, weekly newspaper, and literary magazine.

Dixie College (1911) St. George
President: Alton L. Wade
Administrative Offices

Established 1911 as a four-year high school by the Church of Jesus Christ of Latter Day Saints; junior college instruction added in 1916. The state assumed control in 1933. In 1963 the college separated from the high school and moved to its present 88.4-acre campus.

Defined Roll

Dixie College supports the philosophy of a rural comprehensive community college and accepts as its mission the responsibility to provide: (1) programs designed to prepare students to transfer to other senior level colleges and universities, (2) terminal occupational education programs, (3) continuing education programs, and (4) programs designed to provide special community services.

Calendar

Quarter system. Regular session late September to early June. Freshmen register September, January, and March. Degrees conferred in June. Summer session.

Admission

Open-door admission policy. No application fee required. Applications accepted up to the day of registration.

Fees

Resident: Full-time tuition and fees $200 per academic quarter. Non-resident: Full-time tuition and fees $490 per academic quarter. On-campus room and board approximately $525 per quarter. On-campus housing is $200 per quarter. Married student housing is available.

Student Financial Aid

Scholarship deadline is March 1. Students should have a 3.5 grade point average to apply for available academic scholarships. Some departmental scholarships are available in Music, Art, Drama, Speech, Journalism and other programs. National Direct Student Loans, Basic Educational Opportunity Grants, Supplemental Educational Opportunity Grant, State

Student Incentive Grant, and Work Study Programs are available.

Degree Requirements

In order to earn an associate degree, ninety-six quarter hours are required with a 2.0 average on a 4.0 scale. To qualify for graduation, the student must successfully complete at least nine hours of credit in the following divisions: Life, Physical and Social Sciences, and Humanities, as well as 9 credits in English, and 3 credits in Physical Education. Students may earn up to 46 hours of CLEP credits, may obtain credit or class waivers through advanced placement programs, may obtain credit by examination, or otherwise challenge any course curriculum. Providing certificate (one- and two-year) and/or associate degree may be earned in vocational programs in the division of Business and trades.

BUSINESS AND TRADES

Aero Technology
Airline Flight Attendant
Auto Technology
Business
Construction Technology
Culinary Arts
Drafting Technology
Fashion Merchandising
Flight Management
Graphic Arts
Industrial Arts
Journalism
Marketing
Metals Technology
Real Estate Salesmanship
  and Brokerage
Secretarial

NATURAL SCIENCE

Biology
Botany
Chemistry
Geology
Home Economics (including
  Applied Textiles)
Philosophy
Political Science
Psychology
Mathematics
Physics (Pre-engineering)
Nursing (LPN and RN)
Zoology (predentistry, premedicine, premedical technology, wildlife science, preveterinary science)

FINE AND PERFORMING ARTS

Art
Music
Physical Education
Recreation
Speech
Theatre Arts

HUMANITIES AND SOCIAL SCIENCE

Economics
Education
English
French
Geography
History
Humanities
Sociology
Spanish

Student Life Students not living with parents or guardians are encouraged to live on campus or in college-approved housing. Campus located 300 miles south of Salt Lake City, 110 miles northeast of Las Vegas, Nevada, in a city of approximately 15,000. Yearbook, weekly newspaper, literary magazine. Major student activities and orginizations: national, state, and local fraternities and clubs on campus. Major sports: football, tennis, track, rodeo. Competitive athletics for women. Automobiles allowed on campus.

SNOW COLLEGE (1888), Ephraim

President: J. Marvin Higbee
Administrative Offices: Noyse Building
Ephraim, Utah 84627

Snow College was established as the Sanpete Stake Academy by the Church of Jesus Christ of Latter-day Saints. The name was changed to Snow Academy in 1900. Junior college instruction was first offered in 1923, and in 1933 Snow came under control of State Department of Public Instruction. In 1951, Snow became a branch of Utah State University and in 1969, a part of Utah System of Higher education under control of the Utah State System of Higher Education.

Defined Role Snow College offers opportunities for students who wish a two-year combined residential and day-student college. The System's two-year colleges are intended to serve as viable, productive, two-year colleges, providing general educational, vocational opportunities and transfer options to the four-year colleges and universities.

Calendar Snow is on the quarter system. The regular session runs from late September to early June. Freshmen may enter any quarter. Associate degrees are conferred in June.

Admission There is an open door admission policy. No application fee is required. Applications are received up to the day of registration. The American College Test is recommended.

Fees For a resident, full-time tuition and fees are $210 per quarter. Non-resident full-time tuition and fees are $500 per quarter. The minimum on-campus room and board is $588 per quarter. On-campus housing is $256 per quarter. Married student housing is available.

Student Financial Aid

The following types of financial aid are available: Scholarships (deadline February 15th), Basic Education Opportunity Grant (BEOG), National Direct Student Loan (NDSL), College Work Study Program (CWSP), Supplemental Educational Opportunity Grant (SEOG), Utah Education Funds (UEDF) and Guaranteed Student Loans (GSL).

All programs except scholarships require the Financial Aid Form (FAF) to be processed. The Snow College Scholarship and Financial Aid application must be completed for all programs. The suggested financial aid application deadline is February 15. Applications received after this date are considered on a first come, first served basis, but are fully considered. Twenty-nine percent of the students received some form of aid in 1979-80. The average aid is $1,245 and a maximum of $3,350.

Degree Requirements

In order to obtain a degree, 96 quarter hours are required and a 1.7 average on a 4.0 scale. Following are prescribed courses: Associate in Science - Biological Sciences, English, Humanities, Physical Education, Physical Sciences, Social Sciences; for Associate in Applied Science - strong concentration in specific vocational-technical areas with modifications of the "general education" requirements of the above listed degrees. The Certificate of Completion in technical areas also is available and may be awarded at any time in an academic year that the course is completed.

College of Eastern Utah (1937) Price
President: James R. Randolph
Administrative Offices: 400 East 400 North,
Price, Utah 84501

Established by the Utah State Legislature in 1937 as Carbon College, a two year junior college-high school, controlled by the State Board of Education. Became a branch of the University of Utah in 1959, at which time the high school moved to its new campus. In 1965 the name was changed to the College of Eastern Utah and CEU became an integral part of the Utah State System of Higher Education under control of the State Board of Regents.

Defined Role The College of Eastern Utah is a rural community college serving a broad spectrum of people. The college provides educational opportunities of general flexible nature, with developmental, vocational, transfer and general education opportunities and community service. Situated in a city affording special cultural advantages, populated with people of high ethical and educational standards, CEU offers outstanding opportunities as a well-integrated two-year community college.

Calendar Quarter system. Regular late September to early June. Freshmen may enter September, January, and March. An increasing number of courses are being offered on an open-entry, open-exit basis. Degrees conferred in June. Summer session: eight-week session, mid-June to mid-August.

Admission Open-door admission policy. A five-dollar application fee is required. Applications received up to the day of registration.

Tuition and Fees Resident: Full-time tuition and fees $615 per school year. Nonresident: Full-time tuition and fees $1,485 per school year. On-campus room and board $1,755 per school year. Alternate meal plans costing less are available.

Student Financial Aid Scholarships along with National Direct Student Loan, Supplemental Educational Opportunity Grant, Basic Educational Opportunity Grant, State Student Incentive Grants, Utah Education Fund Grants, and Student Work Study Programs are offered. Deadline for scholarship application is March 1, for all other aid, April 1. Late date for financial aid applications is August 1.

A Financial Aid Form and Basic Grant Student Eligibility Report are required for all student aid. CEU also participates in the Guaranteed Student Loan Program.

Degree Requirements Associate in Science, 93 quarter hours required. Physical Education, three quarter hours; nine quarter hours in each of the following: English (includes Speech), Humanities; Physical Science, Social Science, Life Science, Associate in Arts, same as A.S. with additional 15 hours in a foreign language, specific courses in voc-tech areas and general education; Associate in Applied Science, 93 quarter hours. Certificates of completion may be awarded on completion of prescribed courses. 2.0 average required for graduation.

Divisions Humanities and Social Science, Natural Science, Applied Science (Vocational-Technical).

Student Life On-campus housing is available. Campus is located in Price, a city of approximately 12,000, 120 miles from Salt Lake City. Yearbook and newspaper. Major student activities and organizations: student government, service and religious groups, speech and drama, fraternities, music. Major sports: football, basketball, baseball, track, women's volleyball, basketball, and softball. Automobiles allowed on campus.

Utah Technical College at Provo (1941)

President: Wilson W. Sorensen
Administrative Offices: 1395 North 150 East,
P.O. Box 1609, Provo, Utah 84603
Administrative Offices: Orem Campus

Four school districts in the Utah County area worked together to establish the institution as Central Utah Vocational School in 1941. Made a state institution in 1945. Authorized in 1967 to award the Associate of Applied Science Degree, and in 1981 the Associate of Science Degree. Full accreditation by the Northwest Association of Schools and Colleges since 1969. New Orem Campus in use beginning 1976, creating two-campus operation in Provo and Orem.

Defined Role Utah Technical College at Provo emphasizes vocational, technical, business, health, and paraprofessional subjects. These are combined with authorized programs in general education, culminating in Certificate of Completion, and two-year Associate of Science and Associate of Applied Science Degrees. With short courses, regular courses, and evening courses (credit and non-credit), Utah Technical College at Provo provides significant educational training and employment opportunities. Transfer possibilities to other colleges and universities in the state are open to graduates of the college. The vocational and technical training provided at Utah Technical College at Provo meets the requirements of modern business and industry, combined with essential general education to prepare individuals for their roles as citizens, consumers, and family members. Under the Higher Education Act of 1969, this institution has taken its place as a significant element in the Utah System of Higher Education.

Calendar	Quarter system. Regular session late September to early June. Freshmen may enter any quarter - Fall, Winter, Spring, or Summer. Degrees are awarded each quarter.
Admission	Open-door admission policy. Some majors require prerequistie screening. Application fee of $10 required.
Tuition and Fees	Resident: Full-time tuition and fees $570 per school year. Nonresident: Full-time tuition and fees $1,440 per school year.
Housing	No campus housing. Community housing is available.
Student Financial Aid	Scholarship and tuition waivers are available. Scholarship deadlines are February 1 for incoming students (from high school), and May 1 for returning students. An Application for Federal Student Aid (AFSA) is required for Pell Grants, National Direct Student Loans, Supplemental Educational Opportunity Grants, State Student Incentive Grants, and Work Study Programs.
Degree Requirements	Associate of Applied Science Degree: Minimum of 96 credit hours, 2.0 average on 4.0 scale required. Prescribed vocational courses and 24 hours of general education courses taken from the following areas: Humanities, Social Science, Biological and Physical Sciences, and electives. Associate of Science Degree: Minimum of 96 credit hours, which includes a minimum of 56 credits prescribed in general education. One-year and two-year Certificates of Completion are also available.
Divisions	Schools of: Business, General Education, and Learning Services; Technology, Health, and Transportation; and Trades, Industry, and Human Services.
Student Life	College has a student newspaper. Activities include clubs, Associated Students, class organizations, craft center, intercollegiate and intramural sports, outdoor recreation, and physical education programs.

Major sports: baseball, rodeo, volleyball, and basketball. Religious facilities are convenient to campus.

Parking Automobiles and motorcycles with valid parking permits are allowed on campus in designated areas. Bicycle racks are also provided.

Utah Technical College at Salt Lake

President: Orville D. Carnahan
Administrative Offices: 4600 South Redwood Road
Salt Lake City, Utah 84107

Established in 1947 by the Utah Legislature as Salt Lake Area Vocational School. Name changed to Salt Lake Trade Technical Institute in 1959. The present name originated in 1967. Fully accredited by the Northwest Association of Secondary and Higher Schools.

Defined Role Utah Technical College at Salt Lake emphasizes vocational, technical and paraprofessional subjects. These are combined with authorized programs in general education, including the two-year Associate of Applied Science degree. With short courses, evening courses - credit and non-credit - the Utah Technical Colleges provide significant educational training and employment opportunities. Transfer possibilities, especially to Weber State College and Utah State University with their four-year Schools of Technology, are open to graduates of the Technical Colleges. Through individual advertisement, transfer possibilities elsewhere in the System may be arranged. The Technical Colleges offer the vital technical training required for the conditions of modern life, combined with essential liberal and general education. Under the Higher Education Act of 1969, these institutions have taken their place as significant elements of the Utah System of Higher Education.

Calendar Quarter system. Regular session, late September to early June. Freshmen may enter most courses any quarter. Summer session is held from mid-June to late August. Degrees conferred each quarter; graduation ceremonies in June.

Admission Open-door policy. $10 application fee required.

Applications should be received 30 days prior to enrollment.

Fees Resident: Full-time tuition and fees $534 per school year. Non-resident: Full-time tuition and fees $1404 per school year. No campus housing available.

Student Financial Aid Scholarships, along with National Direct Student Loan, Educational Opportunity Grant and college Work Study Programs are offered. Deadline for scholarship applications is March 1. Confidential Statement is required for all student federal aid.

Veterans Benefits Approved by Veterans Administration for veterans, surviving children and widows, including work-study program.

Divisions Manpower Programs, Technical Occupations, Business Occupations, Service Occupations, Machine Trades, Structural Work and Occupations and Apprenticeship, and Benchwork and Processing Occupations.

Degree Requirements Associate of Applied Sciences: 96 quarter hours, 2.0 average required. Prescribed courses: Social Science, six hours; Physical Science, six hours; Humanities, six hours; plus composite of above, six hours. Certificate of Completion available, and Diploma.

Student Life Period Newspaper. Major student activities and organizations: Associated Students, class organizations, variety of service and special organizations. Intramural sports only. Automobiles allowed on campus.

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